WPMZ series

Modbus communication instruction manual

Supported module type
WPMZ-5/6

Instruction manual number IM-0862-03

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Introduction

This instruction manual explains notes, information and setting method when using Modbus communication of WPMZ series.

Please observe the following in order to use the product correctly and safely.

- ○ Please read this instruction manual thoroughly before use and use it properly.
- ○ Before constructing the system, carefully read the Modbus compatible products and other equipment 's instruction manuals to be used, and use them correctly.
- ○ After reading, carefully keep it and read it when you need it.

Usage restrictions

● Please note that the contents of this manual may be changed without notice.

We will not be held responsible in any case for special damages, indirect damages, losses caused by this manual.

In this operation manual, hexadecimal data is indicated by appending "H" after the numerical value. Nothing is appended to decimal data.
Example) Hexadecimal number: 123H, decimal number: 123

1. Overview

We will explain the specification of Modbus communication of WPMZ series.
This manual is intended for engineers who connect from Modbus Master to Modbus compatible products and create processing to collect settings and data.
As a Modbus master, it is assumed to be a PC or Programmable Logic Controller (PLC). Please prepare equipment to be used for Modbus master in advance.

First, refer to "2. Module communication specification" and set the module (WPMZ - 5/6) connected to the Modbus master so that it conforms to the communication specifications.
Then refer to "5. Address Map" of the corresponding module according to "3. Modbus communication specification" and set and read the necessary items.

2. Module communication specification

2-1. Supported Modules

The corresponding modules assumed in this manual are as follows.
WPMZ-5
WPMZ-6

2-2. Module communication specification

The communication specifications when connecting to each module are as shown in the table below.

Table 2.1 Communication specification of module (RS-485 communication option)

	WPMZ-5/6
Standard	RS-485 compliant
Protocol	Modbus(RTU)
Synchronous mode	Asynchronous type
Communication method	2-wire half-duplex
Error detection method	CRC-16
communication speed	9600bps、19200bps、38400bps
Data length	8 (fixed)
Start bit	1(fixed)
Parity bit	Selection from eve, odd, none
Stop bit	1、2 (Stop bit 2 can be set only when there is no parity)
Signal name used	Non-inverted (+), inverted (-)
Terminating resistance	Approximately 120 Ω (Connected by short-circuiting TERM terminals)
Number of connected units	31 (number of slave devices)
Configurable address	1～31 (0 can not be used)
Transmission distance (total)	1.2km ※For CE mark conformance, less than 30 m

Table 2.2 Module communication specification (RS-232C communication option)

	WPMZ-5/6
Standard	RS-232C compliant
Protocol	Modbus(RTU)
Synchronous mode	Asynchronous type
Communication method	Full duplex
Error detection method	CRC-16
communication speed	9600bps、19200bps、38400bps
Data length	8 (fixed)
Start bit	1(fixed)
Parity bit	Selection from eve, odd, none
Stop bit	1、2 (Stop bit 2 can be set only when there is no parity)
Signal name used	TXD、RXD、SG
Terminating resistance	-
Number of connected units	1 (number of slave devices)
Configurable address	1 only (0 can not be used)
Transmission distance (total)	15m

2-3. Module wiring (RS-485 communication option)

2-3-1. Wiring method

The Modbus communication wiring is wired in a daisy chain (daisy chaining).
If there are multiple branches from the star wiring or module, it may not be able to communicate properly.

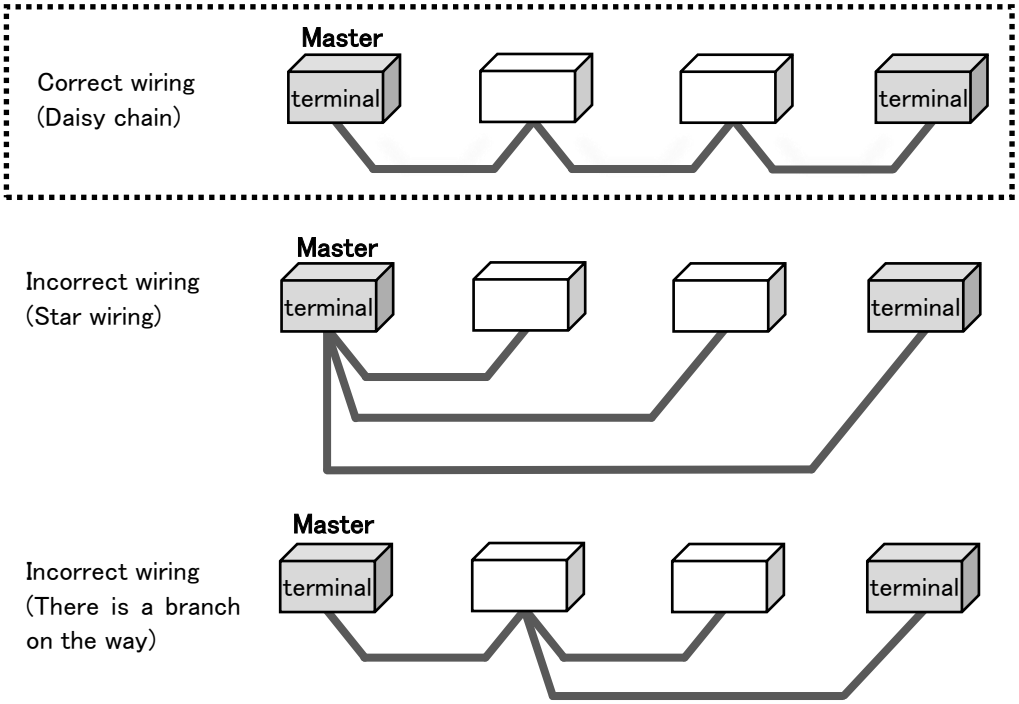


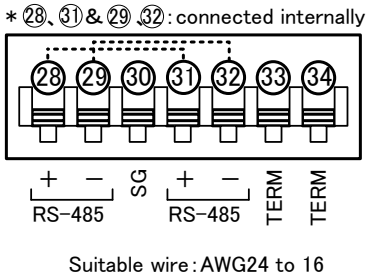
Figure 2.1 Wiring of Modbus communication

2-3-2. Connection terminal

This section describes the Modbus (RS485) connection terminals of the module.

1. WPMZ-5/6

Modbus (RS485) connection terminal of WPMZ-5/6 is as shown below.
28 and 31, 29 and 32 are conducting inside the equipment respectively.
(Since the connector inside does not have continuity, communication lines and remove the connector will be disconnected.)



Suitable wire：AWG24 to 16

Figure 2.2 Modbus communication wiring

Table 2.3 Connector contents

Terminal number	Symbol		Contents
28,31	RS485	＋	Non-inverting signal
29,32		−	Inverting signal
30		SG	Signal ground
33,34		TERM (※)	Terminal resistance (120Ω) terminals * Short 33 and 34 to be enable the resistance.

2-3-3. Configuration diagram example

The configuration example of WPMZ – 5/6 is shown below.

1. About communication cable

Please use a shielded cable that meets the following specifications.

Table 2.4 Communication cable specification

Product name	Size	Total cable extension
WPMZ-5/6	AWG24～16	1.2km or less

2. About connection of terminating resistor

Up to 31 slaves (modules) can be connected.
At that time, please set the terminating resistor for the module which becomes the terminal equipment of the line.
In the case of WPMZ-5/6, connect the TERM terminals together.
If this product is not a terminal equipment of the line, please do not set the termination resistor.

When connecting via Modbus using the USB – RS 485 converter, even if the master is a personal computer, set the terminating resistor in the USB – RS 485 converter. (See the figure below)

Note: Do not configure multiple masters to connect to the same slave (module).
Communication may not be performed correctly and data may not be taken.

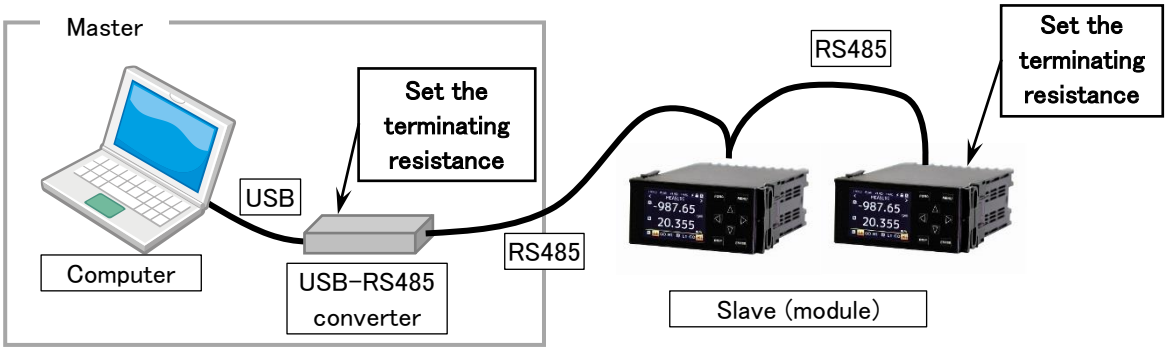


Figure 2.3 Terminating resistance when USB-RS 485 converter is used

3. Connection diagram

The Modbus connection of WPMZ－5/6 is shown below.

Please set the terminating resistance to the master and slave at the final end (WPMZ in the figure below).

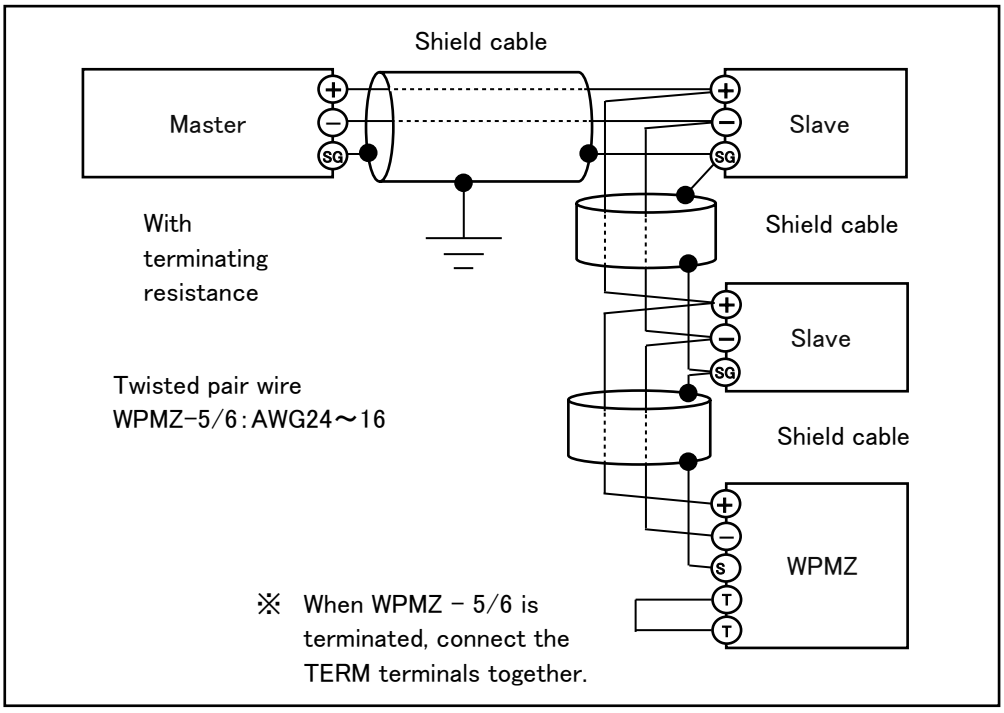


Figure 2.4 Modbus connection of WPMZ-5/6

Table 2.5 Modbus connection terminal (WPMZ－5/6)

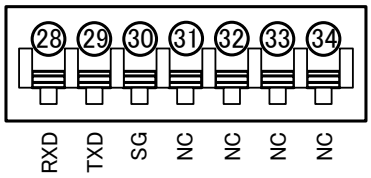
Terminal number	symbol		Contents
28,31	RS485	＋	Communication plus terminal
29,32		－	Communication minus terminal
30		SG	Communication SG terminal
33,34		TERM (※)	Terminal resistor terminal (120 Ω)

※ When connecting the TERM terminals to each other, the terminating resistance becomes effective.

2-4. Module wiring (RS-232C communication option)

2-4-1. Connection terminal

The figure below shows the RS－232C connection terminal of WPMZ－5/6.



Suitable wire：AWG24 to 16

Figure 2.5 Wiring of RS-232C communication

Table 2.6 Connector contents

Terminal number	symbol		Contents
28		RXD	Receive terminal
29		TXD	Transmission terminal
30		SG	Common terminal of communication function
31～34		NC	Not connected ※ Please do not use as relay terminal.

2-4-2. Configuration diagram example

The configuration example of WPMZ－5/6 is shown below.

Master and slave (module) are connected 1: 1.
Specify "1" for the slave address of the Modbus protocol.

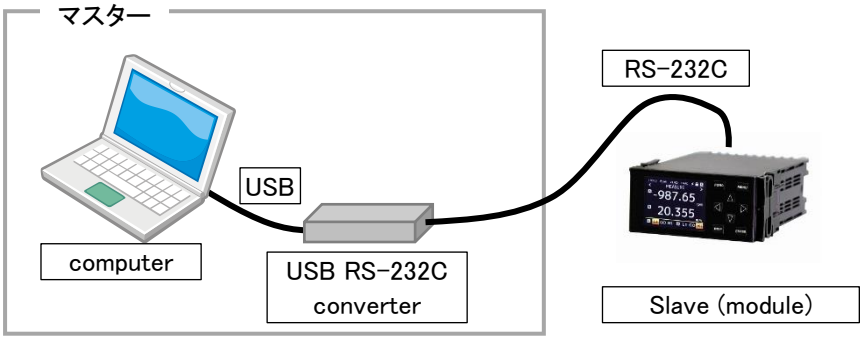


Figure 2.6 When USB-RS232C converter is used

3. Modbus communication specification

Modbus is a single master / multislave system.
A message is sent from one Modbus master to the slave (module). The message is sent to the specified slave (module).

3-1. Communication procedure

When the master sends a command message, the slave (module) sends a response message to the contents of the message.
The operations of the master side message and the slave side message are as follows.

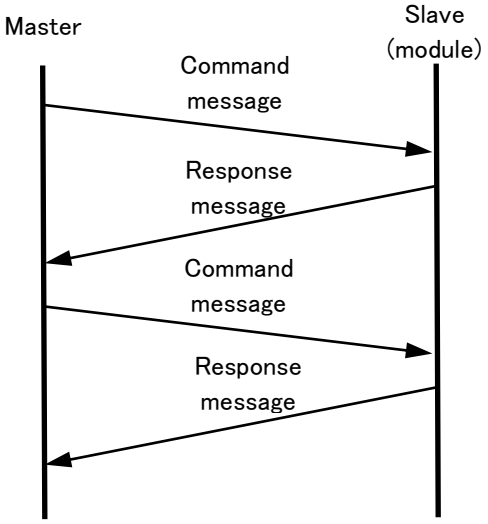
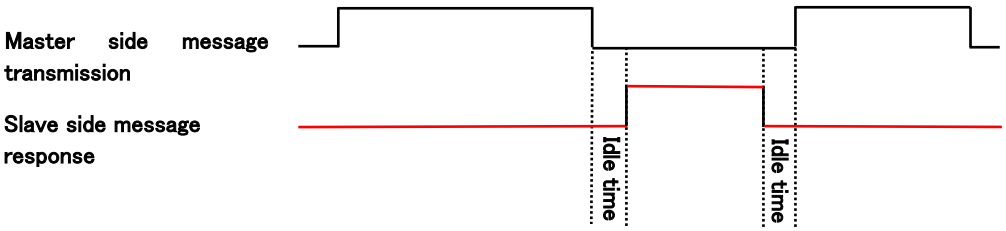


Figure 3.1 Communication procedure

3-2. Transmission Switching Time

In communication between master and slave, idle time for 3.5 characters is required for transmission / reception switching.



Please refer to the table below for the idle time for 3.5 characters.
In the WPMZ-5/6 series, the communication speed and parity setting can be changed.

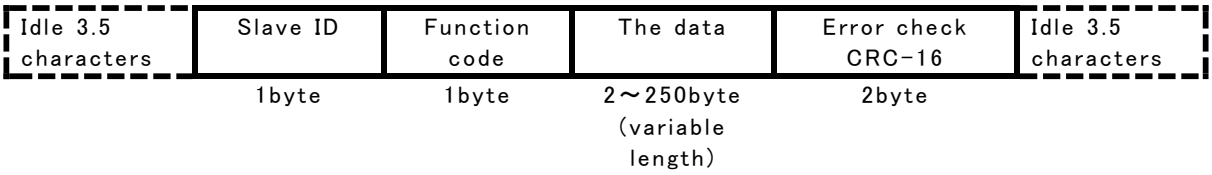
Table 3.1 3.5 character idle time (reference value)

communication speed	With parity (Even number, odd number)	No parity
9600bps	4.01ms	3.65ms
19200bps	2.01ms	1.82ms
38400bps	1.00ms	0.91ms

3-3. Message

3-3-1. Composition of messages

After securing an idle interval of 3.5 character transmission time or longer, it transmits a communication message and ends after an idle time of 3.5 character transmission time or more.



3-3-2. Message Contents

In the structure of the above message, descriptions of data and contents that can be set are shown in the table below.

Table 3.2 Message contents

item	Setting data	Contents
Slave ID	01～1FH	Slave ID (maximum number of connected units is 31)
Function code	03H	Read held register
	04H	Read input register (Read only address)
	06H	Hold register 1 word write
	08H	Diagnosis
	0BH	Read event counter
	0CH	Read event log
	10H	Holding register Continuous write
	11H	Read slave information
The data	—	Data (variable length by command)
Error check (CRC-16)	Calculate CRC-16 from the slave ID to the last byte of the data and add CRC-16 (2 bytes) of the operation result to the data in the order of the lower byte and the upper byte.	

3-3-3. Types of data

Modbus data has two input register and holding register.

Table 3.3 Types of data

Types of data	Reading and writing	Details
Input register	Read only	It is used to acquire the information in the slave.
Holding register	Reading and writing	It is used to acquire and set slave control information / setting information.

3-3-4. Slave ID

It returns a response message only when the received message matches the ID value set in the module.
If they do not match, no response message is returned.

3-3-5. Function code

The function code is a code that specifies the operation to be made slave, and it is included in the message sent from the master to the slave.
The function codes described in this manual are shown in the table below.

Table 3.4 Function code list

Function code	Feature Description
03H	Read held register
04H	Read input register (Read only address)
06H	Hold register 1 word write
08H	Diagnosis
10H	Holding register Continuous write

3-3-6. Format Details

Explain the detailed format for each function code.

> ⚠ Caution
>
> Please be aware that the error checking CRC in each format is added in order of lower byte and higher byte.

1. Function code 03H (Read held register)

Read the parameter value of the specified address.

Transmission and reception format

◎Transmission data (master → slave (module))

Table 3.5 Function code 03H Transmission format

name		Transmitted data
Slave ID		01 ～ FFH
Function code		03H
Address	Upper	0000 ～ 270FH
	Lower	
Number of words to be read(Data length ÷ 2)	Upper	0001 ～ 007DH
	Lower	
Error check (CRC-16)	Upper	0000 ～ FFFFH
	Lower	

※Specify the number of read words in units of data length for each address.

◎Received data (slave (module) → master)

Table 3.6 Function code 03H Reception format

name		Received data
Slave ID		01 ～ FFH
Function code		03H
Number of bytes read		2 ×number of read words
First word data	Upper	0000 ～ FFFFH
	Lower	
Next word data	Upper	0000 ～ FFFFH
	Lower	
≀	≀	≀
The last word data	Upper	0000 ～ FFFFH
	Lower	
Error check (CRC-16)	Lower	0000 ～ FFFFH
	Upper	

2. Function code 04H (Read input register [Read only address])

Read the measurement value of the specified read-only address.

Transmission and reception format

◎Transmission data (master → slave (module))

Table 3.7 Function code 04H Transmission format

name		Transmitted data
Slave ID		01 ～ FFH
Function code		04H
Address	Upper	0000 ～ 270FH
	Lower	
Number of words to be read(Data length ÷ 2)	Upper	0001 ～ 007DH
	Lower	
Error check (CRC-16)	Lower	0000 ～ FFFFH
	Upper	

※Specify the number of read words in units of data length for each address.

◎Received data (slave (module) → master)

Table 3.8 Function code 04H Reception format

name		Received data
Slave ID		01 ～ FFH
Function code		04H
Number of bytes read		2 ×number of read words
First word data	Upper	0000 ～ FFFFH
	Lower	
Next word data	Upper	0000 ～ FFFFH
	Lower	
≀	≀	≀
The last word data	Upper	0000 ～ FFFFH
	Lower	
Error check (CRC-16)	Lower	0000 ～ FFFFH
	Upper	

3. Function code 06H (Write 1 word of holding register)

Writes 1 word (2 bytes) of data to the specified writable address.

Transmission and reception format

◎Transmission data (master → slave (module))

Table 3.9 Function code 06H Transmission format

name		Transmitted data
Slave ID		01 ～ FFH
Function code		06H
Address	Upper	0000 ～ 270FH
	Lower	
Write word data	Upper	0000 ～ FFFFH
	Lower	
Error check (CRC-16)	Lower	0000 ～ FFFFH
	Upper	

◎Received data (slave (module) → master)

Table 3.10 Function code 06H Reception format

name		Received data
Slave ID		01 ～ FFH
Function code		06H
Address	Upper	0000 ～ 270FH
	Lower	
Write word data	Upper	0000 ～ FFFFH
	Lower	
Error check (CRC-16)	Lower	0000 ～ FFFFH
	Upper	

Function code 08H (diagnosis)

It is a communication that diagnoses the communication between the master and the slave and diagnoses the module.

Transmission and reception format

◎Transmission data (master → slave (module))

Table 3.11 Function code 08H Transmission format

name		Transmitted data
Slave ID		01 ～ FFH
Function code		08H
Diagnostic subcode	Upper	0000 ～ 0012H
	Lower	
Data field	Upper	0000 ～ FFFFH
	Lower	
Error check (CRC-16)	Lower	0000 ～ FFFFH
	Upper	

◎Received data (slave (module) → master)

Table 3.12 Function code 08H Reception format

name		Received data
Slave ID		01 ～ FFH
Function code		08H
Diagnostic subcode	Upper	0000 ～ 0015H
	Lower	
Data field	Upper	0000 ～ FFFFH
	Lower	
Error check (CRC-16)	Lower	0000 ～ FFFFH
	Upper	

Diagnostic subcode and diagnostic content

The corresponding diagnostic subcode is shown in the table below.

Table 3.13 Corresponding diagnostic subcode

Diagnostic subcode	Diagnostic name	Diagnosis contents
00H	Return Query Data	It returns the data of the transmitted data field as it is.
01H	Restart Communications Option	Restart communication.
02H	Return Diagnostics Register	Returns diagnostic register (fixed as 0 because it is not used).
04H	Force Listen Only Mode	Set the slave to receive only mode.
0AH	Clear Counters and Diagnostic Register	Clear all counters and diagnostic registers.
0BH	Return Bus Message Count	Returns the total of messages detected by the slave.
0CH	Return Bus Communication Error Count	Returns the total of CRC errors detected by the slave.
0DH	Return Bus Exception Error Count	Returns the sum of exception responses of Modbus returned by the specified slave.
0EH	Return Server Message Count	Returns the total of messages received by the specified slave.
0FH	Return Server No Response Count	Returns the total of messages for which the specified slave did not respond.
10H	Return Server NAK Count	Returns the total of messages that the specified slave returned NAK.

11H	Return Server Busy Count	Returns the number of times slave, busy, exception response returned by the specified slave.
12H	Return Bus Character Overrun Count	Returns the number of times a character overrun error occurred on the specified slave.

Diagnostic function communication example

Communication is performed with the diagnosis subcode 00H (Return Query Data) for the module with slave ID 01H.
An example of specifying 55AAH for write word data is shown below.

・Transmission data (master → slave (module))

Table 3.14 Function code 08H Transmission data

name		Transmitted data
Slave ID		01H
Function code		08H
Diagnostic subcode	Upper	00H
	Lower	00H
Data field	Upper	55H
	Lower	AAH
Error check (CRC-16)	Lower	5FH
	Upper	24H

・Received data (slave (module) → master)

Table 3.15 Function code 08H Receive data

name		Received data
Slave ID		01H
Function code		08H
Diagnostic subcode	Upper	00H
	Lower	00H
Data field	Upper	55H
	Lower	AAH
Error check (CRC-16)	Lower	5FH
	Upper	24H

4. Function code 10H (hold register consecutive write)

Writes contiguous data to the specified writable address.

Transmission and reception format

◎Transmission data (master → slave (module))

Table 3.16 Function code 10H Transmission format

name		Transmitted data
Slave ID		01 ～ FFH
Function code		10H
Start address	Upper	0000 ～ 270FH
	Lower	
The number of data	Upper	0002 ～ 01FEH
	Lower	
Number of bytes		01 ～ FFH
First write word data	Upper	0000 ～ FFFFH
	Lower	
Next write word data	Upper	0000 ～ FFFFH
	Lower	
≀	≀	≀
Last write word data	Upper	0000 ～ FFFFH
	Lower	
Error check (CRC-16)	Lower	0000 ～ FFFFH
	Upper	

◎Received data (slave (module) → master)

Table 3.17 Function code 10H Reception format

name		Received data
Slave ID		01 ～ FFH
Function code		10H
Start address	Upper	0000 ～ 270FH
	Lower	
データ数	Upper	0002 ～ 01FEH
	Lower	
Error check (CRC-16)	Lower	0000 ～ FFFFH
	Upper	

3-4. Error detection

3-4-1. CRC-16

CRC – 16 is 2 – byte error check data. The calculation range is from the slave ID at the head of the message to the end of the data part.
The slave (module) calculates the CRC of the received message, and if it does not match the received CRC code, it becomes no response and the function is not executed.

3-4-2. Calculation of CRC-16

To calculate the CRC, divide the transmission data by the generator polynomial (X16 + X15 + X2 + X0) and set the remainder in the order of the lower byte and upper byte in the error check.

The following is an example of generating with command data from the master device.

① Area initialization: Substitute FFFFH for【CRC – 16】.
② Assign the calculated value of【CRC – 16】XOR【first data (here, slave ID data)】to【CRC – 16】.
③ Assign [CRC – 16] to the right by one bit shifted to [CRC – 16].
④ If CF (carry flag) = 1, substitute the calculated value of [CRC – 16] XOR A 001 H into [CRC – 16] according to 3) above. (CF shifts to the right when shifting right one bit when the least significant bit is 1).
⑤ Repeat ③ and ④ above 8 times. After the end of 8 times, go to ⑥.
⑥ If the last data has been completed, add [CRC – 16] as a calculation result to the message and exit. If not finished, go to ⑦.
⑦ Assign the calculated value of【CRC – 16】XOR【next data】to【CRC – 16】and go to ③.

Calculation example: Perform CRC calculation of 010400000002.

Table 3.18 Calculated data example: 010400000002 (6 bytes data)

	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	CF	説明
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	—	FFFFH (initialization)
01 (1st byte)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	—	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	—	XOR top two rows
right shift 1st	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	*0*	
right shift 2nd	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	—	XOR top two rows
right shift 3rd	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	*0*	
right shift 4th	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	—	XOR top two rows
right shift 5th	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	*0*	
right shift 6th	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	—	XOR top two rows
right shift 7th	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	*0*	
right shift 8th	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	—	XOR top two rows
04 (2nd byte)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	—	
	1	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	—	XOR top two rows
right shift 1st	0	1	0	0	0	0	0	0	0	0	1	1	1	1	0	1	*0*	
right shift 2nd	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	—	XOR top two rows
right shift 3rd	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	—	XOR top two rows
right shift 4th	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	*0*	
right shift 5th	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	—	XOR top two rows
right shift 6th	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	*0*	
right shift 7th	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	—	XOR top two rows
right shift 8th	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	1	—	XOR top two rows
00 (3rd byte)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	
	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	1	—	XOR top two rows
right shift 1st	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	0	1	0	0	0	1	1	0	0	0	0	0	0	1	—	XOR top two rows
right shift 2nd	0	1	1	0	1	0	0	0	1	1	0	0	0	0	0	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	0	0	1	0	0	0	1	1	0	0	0	0	0	1	—	XOR top two rows
right shift 3rd	0	1	1	0	0	1	0	0	0	1	1	0	0	0	0	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	0	0	0	1	0	0	0	1	1	0	0	0	0	1	—	XOR top two rows
right shift 4th	0	1	1	0	0	0	1	0	0	0	1	1	0	0	0	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	0	0	0	0	1	0	0	0	1	1	0	0	0	1	—	XOR top two rows
right shift 5th	0	1	1	0	0	0	0	1	0	0	0	1	1	0	0	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	0	0	0	0	0	1	0	0	0	1	1	0	0	1	—	XOR top two rows
right shift 6th	0	1	1	0	0	0	0	0	1	0	0	0	1	1	0	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	0	0	0	0	0	0	1	0	0	0	1	1	0	1	—	XOR top two rows
right shift 7th	0	1	1	0	0	0	0	0	0	1	0	0	0	1	1	0	*1*	CF became 1

	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	CF	説明
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	0	0	0	0	0	0	0	1	0	0	0	1	1	1	—	XOR top two rows
right shift 8th	0	1	1	0	0	0	0	0	0	0	1	0	0	0	1	1	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	—	XOR top two rows
00 (4th byte)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	
	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	—	XOR top two rows
right shift 1st	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	*0*	
right shift 2nd	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	—	XOR top two rows
right shift 3rd	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	1	0	1	0	0	0	0	0	0	0	0	1	0	1	—	XOR top two rows
right shift 4th	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	0	1	0	1	0	0	0	0	0	0	0	0	1	1	—	XOR top two rows
right shift 5th	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	1	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	—	XOR top two rows
right shift 6th	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	*0*	
right shift 7th	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0	*0*	
right shift 8th	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0	*0*	
00 (5th byte)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	
	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0	—	XOR top two rows
right shift 1st	0	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	*0*	
right shift 2nd	0	0	0	0	0	1	1	0	0	1	0	1	0	0	0	0	*0*	
right shift 3rd	0	0	0	0	0	0	1	1	0	0	1	0	1	0	0	0	*0*	
right shift 4th	0	0	0	0	0	0	0	1	1	0	0	1	0	1	0	0	*0*	
right shift 5th	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	0	*0*	
right shift 6th	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	*0*	
right shift 7th	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	0	1	0	0	0	0	0	0	0	1	1	0	0	1	1	—	XOR top two rows
right shift 8th	0	1	0	1	0	0	0	0	0	0	0	1	1	0	0	1	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	—	XOR top two rows
02 (6th byte)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	—	
	1	1	1	1	0	0	0	0	0	0	0	1	1	0	1	0	—	XOR top two rows
right shift 1st	0	1	1	1	1	0	0	0	0	0	0	0	1	1	0	1	*0*	
right shift 2nd	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	—	XOR top two rows
right shift 3rd	0	1	0	0	1	1	1	0	0	0	0	0	0	0	1	1	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	1	0	1	1	1	0	0	0	0	0	0	0	1	0	—	XOR top two rows
right shift 4th	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0	1	*0*	
right shift 5th	0	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	0	0	1	1	0	1	1	1	0	0	0	0	0	0	1	—	XOR top two rows
right shift 6th	0	1	0	0	1	1	0	1	1	1	0	0	0	0	0	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	1	0	1	1	0	1	1	1	0	0	0	0	0	1	—	XOR top two rows
right shift 7th	0	1	1	1	0	1	1	0	1	1	1	0	0	0	0	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	1	0	1	0	1	1	0	1	1	1	0	0	0	0	1	—	XOR top two rows
right shift 8th	0	1	1	0	1	0	1	1	0	1	1	1	0	0	0	0	*1*	CF became 1
	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	—	A001H
	1	**1**	**0**	**0**	**1**	**0**	**1**	**1**	**0**	**1**	**1**	**1**	**0**	**0**	**0**	**1**	—	XOR top two rows

The result of this CRC calculation is 1100101101110001. (Last line)
Displayed in hexadecimal notation is CB71H. (When you incorporate it into messages, it will be in order from lowest to highest)

3-5. Error Message

If there is an error in the message sent from the master, an error message is returned from the slave (module).
When an error message is returned, check the transmission data.

Table 3.19 Contents of error message (slave (module) → master)

name	
Slave ID	
Received function code + 80H	
Error code (see table below)	
Error check (CRC-16)	Lower
	Upper

Table 3.20 Error code contents

Error code	Contents	Description
01H	Function code defect	The module received a function code that does not correspond.
02H	Address problem	The module received a non-compliant address.
03H	Number of data errors	The specified number of data is too large.
06H	Slave busy	The module is busy.

◎Error example

Response in case an address error occurs in the function code 04H from the module with the slave ID 01H

Table 3.21 Example of received data in case of error

name		Received data
Slave ID		01H
Function code		84H
Error code		02H
Error check (CRC-16)	Lower	C2H
	Upper	C1H

4. Communication example

The actual communication example of each message is shown below.

4-1. WPMZ-5/6

4-1-1. Acquire measurement data

When acquiring measurement data, it is as follows.

1. Data acquisition communication

Here is an example of obtaining the instantaneous display value of pulse input A.
Pulse input A instantaneous display value is defined in the input register, so 04 H (input register readout [read only address]) is used as the function code.

Pulse input A instantaneous display value acquisition (address: 0191 H)

First, send a message from the master to the slave (module).
Since the data size is 4 bytes, the number of read words is 2.

Table 4.1 Pulse input A Acquire instantaneous display value [Send]

name		Transmitted data
Slave ID		01H
Function code		04H
Address	Upper	01H
	Lower	91H
Number of words to be read	Upper	00H
	Lower	02H
Error check (CRC-16)	Lower	21H
	Upper	DAH

After that, 2 words of data are returned from the slave (module) to the master.

Table 4.2 Pulse input A Acquire instantaneous display value [Receive]

name		Received data
Slave ID		01H
Function code		04H
Number of bytes read		04H
Data of the first word	Upper	00H
	Lower	01H
Data of the second word	Upper	E2H
	Lower	40H
Error check (CRC-16)	Lower	E3H
	Upper	14H

The acquired data is continued for two words, and it is as follows.

Table 4.3 Acquired data

Read value (hexadecimal number)	Decimal number
0001E240H	123456

4-1-2. Change control parameters

The simulation input / output control of the module is as follows.

1. Control parameter change communication

This example shows simulated output of the comparison output AL1.

Since the simulation output instruction of the comparison output AL1 is defined in the holding register, 10H (hold register consecutive writing) is used as the function code.

Comparative output AL1 simulated output (address: 03E8H)

First, send a message from the master to the slave (module).

Data write AL1 simulation output instruction: valid (0001H), indicated value: ON (0001H).

Since the number of words to be written is 2, the number of bytes to be written is 4.

Table 4.4 Comparative output AL1 simulated output [Send]

name		Transmitted data
Slave ID		01H
Function code		10H
Start address	Upper	03H
	Lower	E8H
The number of data	Upper	00H
	Lower	02H
Number of bytes		04H
Data of the first word	Upper	00H
	Lower	01H
Data of the second word	Upper	00H
	Lower	01H
Error check (CRC-16)	Lower	78H
	Upper	B1H

Then the slave (module) will respond to the master.

Table 4.5 Comparative output AL1 simulated output [Receive]

name		Received data
Slave ID		01H
Function code		10H
Address	Upper	03H
	Lower	E8H
The number of data	Upper	00H
	Lower	02H
Error check (CRC-16)	Lower	C1H
	Upper	B8H

4-1-3. Change setting parameters

To change the setting parameters, follow the steps below.

1. Setting permission communication

To change the setting value (address 0BC2H or later of the holding register), first specify setting permission.

Function code is 10H (hold register consecutive writing) is used.

Setting permission instruction (address: 0BB8H)

First, send a message from the master to the slave (module).

Data write setting permission (3333 CCCCH).

Since the number of words to be written is 2, the number of bytes to be written is 4.

Table 4.6 Setting permission instruction [transmission]

name		Transmitted data
Slave ID		01H
Function code		10H
Start address	Upper	0BH
	Lower	B8H
The number of data	Upper	00H
	Lower	02H
Number of bytes		04H
Data of the first word	Upper	33H
	Lower	33H
Data of the second word	Upper	CCH
	Lower	CCH
Error check (CRC-16)	Lower	20H
	Upper	53H

Then the slave (module) will respond to the master.

When the following response is returned, the module is in the setting enable state.

Table 4.7 Setting permission instruction [reception]

名 称		Received data
Slave ID		01H
Function code		10H
Address	Upper	0BH
	Lower	B8H
The number of data	Upper	00H
	Lower	02H
Error check (CRC-16)	Lower	C3H
	Upper	C9H

2. Setting value write communication

An example of changing "pulse input A pattern 1 input type" is shown below.
The function code is 06H (1-word holding register hold) or 10H (hold register continuous write).

Pulse input A pattern 1 Input type change (address: 0BC2H)

First, send a message from the master to the slave (module).
Below is an example of setting logic (0001H) for pulse input A pattern 1 input type.
Since the number of write words is 1, the write byte count is 2.

Table 4.8 Pulse input A pattern 1 input type write [transmit]

name		Transmitted data
Slave ID		01H
Function code		10H
Start address	Upper	0BH
	Lower	C2H
The number of data	Upper	00H
	Lower	01H
Number of bytes		02H
Data of the first word	Upper	00H
	Lower	01H
Error check (CRC-16)	Lower	CDH
	Upper	B2H

Then the slave (module) will respond to the master.
If you specify a value outside the range or there is an error in the address, it will be an error response here, so you will need to redo the setting permission communication again.

Table 4.9 Pulse input A pattern 1 input type write [receive]

name		Received data
Slave ID		01H
Function code		10H
Address	Upper	0BH
	Lower	C2H
The number of data	Upper	00H
	Lower	01H
Error check (CRC-16)	Lower	A2H
	Upper	11H

3. Setting save communication

When saving the changed setting value, it instructs save setting.
Function code is 10H (hold register consecutive writing) is used.

Setting save instruction (address: 0BB8H)

First, send a message from the master to the slave (module).
Write setting permission (00000000H) for data.
Since the number of words to be written is 2, the number of bytes to be written is 4.

Table 4.10 Setting save instruction [Send]

name		Transmitted data
Slave ID		01H
Function code		10H
Start address	Upper	0BH
	Lower	B8H
The number of data	Upper	00H
	Lower	02H
Number of bytes		04H
Data of the first word	Upper	00H
	Lower	00H
Data of the second word	Upper	00H
	Lower	00H
Error check (CRC-16)	Lower	8AH
	Upper	4DH

Then the slave (module) will respond to the master.
If it is not an error response, the setting value is updated normally.
In the case of an error response, it is necessary to redo the setting permission communication again.

Table 4.11 Setting save instruction [reception]

name		Received data
Slave ID		01H
Function code		10H
Address	Upper	0BH
	Lower	B8H
The number of data	Upper	00H
	Lower	02H
Error check (CRC-16)	Lower	C3H
	Upper	C9H

5. Address Map

Write the address map of each model.

5-1. WPMZ-5/6

This section describes the WPM-5/6 of the address map.

5-1-1. Setting and control parameters

1. Holding register

The hold register command is shown in the table below.

Table 5.1 Holding register command

Read command	03H
Write command	06H
Continuous write command	10H

Control parameters

The control parameters are as follows.

Please refer to "4-1-2. Change control parameters" when making mock input / output instruction from control parameters.

Table 5.2 Control parameters

Communication address	CH	Contents	size (byte)	R/W	The data
0000H ～ 0065H	～	Reserve	～	～	
0066H	－	Pattern select indication	2	R/W	0000H：Disable、0001H：Enable
0067H	－	Pattern select indication value	2	R/W	0000H：pattern 1、0001H：pattern 2、0002H：pattern 3、0003H：pattern 4、0004H：pattern 5、0005H：pattern 6、0006H：pattern 7、0007H：pattern 8
0068H	－	Relay reset indication	2	R/W	0000H：Disable、0001H：Enable
0069H	－	Integration reset A indication	2	R/W	0000H：Disable、0001H：Enable ※Automatically return to 0000H after execution
006AH	－	Integration reset B indication	2	R/W	0000H：Disable、0001H：Enable ※Automatically return to 0000H after execution
006BH	－	Integration reset A & B instruction	2	R/W	0000H：Disable、0001H：Enable ※Automatically return to 0000H after execution
006CH	－	Measurement prohibited A indication	2	R/W	0000H：Disable、0001H：Enable
006DH	－	Measurement prohibited B indication	2	R/W	0000H：Disable、0001H：Enable
006EH	－	Measurement prohibited A & B indication	2	R/W	0000H：Disable、0001H：Enable
006FH	－	Present value holding A indication	2	R/W	0000H：Disable、0001H：Enable
0070H	－	Present value holding B indication	2	R/W	0000H：Disable、0001H：Enable
0071H	－	Current value holding A & B instruction	2	R/W	0000H：Disable、0001H：Enable
0072H	－	Maximum value holding A indication	2	R/W	0000H：Disable、0001H：Enable
0073H	－	Maximum value holding B indication	2	R/W	0000H：Disable、0001H：Enable
0074H	－	Maximum value holding A & B instruction	2	R/W	0000H：Disable、0001H：Enable
0075H	－	Minimum value holding A indication	2	R/W	0000H：Disable、0001H：Enable
0076H	－	Minimum value holding B indication	2	R/W	0000H：Disable、0001H：Enable
0077H	－	Minimum value holding A & B instruction	2	R/W	0000H：Disable、0001H：Enable
0078H	－	Display switching instruction	2	R/W	0000H：Disable、0001H：Enable ※Automatically return to 0000H after execution
0079H	－	Trend holding instruction	2	R/W	0000H：Disable、0001H：Enable
007AH	－	Digital zero A instruction	2	R/W	0000H：Disable、0001H：Enable
007BH	－	Digital zero B instruction	2	R/W	0000H：Disable、0001H：Enable

007CH	–	Digital zero A & B instruction	2	R/W	0000H:Disable、0001H:Enable
007DH ～ 03E7H	～	Reserve	～	～	
03E8H	AL1	Compare output instruction	2	R/W	0000H:Disable、0001H:Enable
03E9H	AL1	Comparative output indication value	2	R/W	0000H:OFF、0001H:ON
03EAH ～ 0419H	～	Reserve	～	～	
041AH	AL2	Compare output instruction	2	R/W	※AL1 reference
041BH	AL2	Comparative output indication value	2	R/W	※AL1 reference
041CH ～ 044BH	～	Reserve	～	～	
044CH	AL3	Compare output instruction	2	R/W	※AL1 reference
044DH	AL3	Comparative output indication value	2	R/W	※AL1 reference
044EH ～ 047DH	～	Reserve	～	～	
047EH	AL4	Compare output instruction	2	R/W	※AL1 reference
047FH	AL4	Comparative output indication value	2	R/W	※AL1 reference
0480H ～ 0513H	～	Reserve	～	～	
0514H	A	Pulse output indication	2	R/W	0000H:Disable、0001H:Enable
0515H	A	Pulse output indication value	2	R/W	0000H:OFF、0001H:ON
0516H ～ 0545H	～	Reserve	～	～	
0546H	B	Pulse output indication	2	R/W	※Pulse output A reference
0547H	B	Pulse output indication value	2	R/W	※Pulse output A reference
0548H ～ 0BB7H	～	Reserve	～	～	

Setting parameters

The setting parameters are as follows.

Refer to "4-1-3. Change setting parameters" when changing the setting parameters.

Table 5.3 Setting parameters

Communication address	CH	Pattern	Contents	size (byte)	R/W	The data
0BB8H	–	–	Setting permission / save instruction	4	W	3333 CCCCH:Setting permission、 0000 0000H:Save instruction
0BBAH	–	–	Setting error contents	2	R	0000H: No error, Other than 0000H: There is an error ※Error code Refer to "Table 5.4 reference " for details
0BBBH ～ 0BC1H	～	～	Reserve	～	～	

–

0BC2H	A	1	Pulse Input, input type	2	R/W	In case of general purpose pulse input type 0000H:Open collector、 0001H:Logic、 0002H: Zero cross, 0003 H: 2 Wire, 0004H: 2-PhaseOpen Collector * 1, 2, 0005H: 2-Phase Logic * 1, 2, 0006H: 2-Phase 2 Wire* 1, 2 In case of line driver pulse input type 0000H:Line driver *1 It can not be set when the input B

						model is "None". *2 It can be set only when the series model is "WPMZ－6" and both input type of A/B are [general purpose pulse input].
0BC3H	A	1	Pulse input, input filter	2	R/W	In case of general purpose pulse input type 0000H: None, 0001H: 30 Hz, 0002 H: 1.5 kHz, 0003 H: 15 kHz In case of line driver pulse input type 0000H: No filter
0BC4H	A	1	Sensor power supply for general purpose pulse input type	2	R/W	0000H:12V、0001H:24V
0BC5H	A	1	Sensor power supply for line driver input type	2	R/W	0000H:5V
0BC6H	A	1	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	0～999,999
0BC8H	A	1	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	-9～9
0BC9H	A	1	Pulse input, instantaneous unit time.	2	R/W	0000 H: Second, 0001 H: Minute, 0002 H: Hour
0BCAH	A	1	Pulse input, instantaneous value Decimal point position	2	R/W	0000H:None, 0001H:The lower right of the 2nd digit, 0002H:The lower right of the 3rd digit, 0003H:The lower right of the 4th digit, 0004H:The lower right of the 5th digit, 0005H:The lower right of the 6th digit
0BCBH	A	1	Pulse input, instantaneous value display unit	2	R/W	0000H:None、 0001H:μA、 0002H:mA、 0003H:A、 0004H:kA、 0005H:μV、 0006H:mV、 0007H:V、 0008H:kV、 0009H:VA、 000AH:W、 000BH:kW、 000CH:MW、 000DH:μm、 000EH:mm、 000FH:cm、 0010H:m、 0011H:Ω、 0012H:kΩ、 0013H:MΩ、 0014H:g、 0015H:kg、 0016H:N、 0017H:kN、 0018H:MN、 0019H:Pa、 001AH:khan、 001BH:Mpa、 001CH:hPa、 001DH:J、 001EH:kJ、 001FH:MJ、 0020H:Hz、 0021H:kHz、 0022H:MHz、 0023H:m^3、 0024H:mm/s、 0025H:mm/min、 0026H:cm/min、 0027H:m/s、 0028H:m/min、 0029H:m/h 002AH:m/s^2、 002BH:m^3/s、 002CH:m^3/min、 002DH:m^3/h、 002EH:kg/h、 002FH:kg/m^2、 0030H:kg/m^3、 0031H:N/m^2、 0032H:ℓ、 0033H:ℓ/s、 0034H:ℓ/min、 0035H:ℓ/h、 0036H:%、 0037H:‰、 0038H:%RH、 0039H:℃、 003AH:ph、 003BH:ppm、 003CH:rpm、 003DH:t、 003EH:inch、 003FH:Custom unit
0BCCH	A	1	Pulse input, instantaneous value display Custom unit 1st character	2	R/W	0000H:None、 0001H:a、 0002H:b、 0003H:c、 0004H:d、 0005H:e、 0006H:f、 0007H:g、 0008H:h、 0009H:i、 000AH:j、 000BH:k、 000CH:l、 000DH:m、 000EH:n、 000FH:o、 0010H:p、 0011H:q、 0012H:r、 0013H:s、 0014H:t、 0015H:u、

						0016H:v、 0017H:w、 0018H:x、 0019H:y、 001AH:z、 001BH:A、 001CH:B、 001DH:C、 001EH:D、 001FH:E、 0020H:F、 0021H:G、 0022H:H、 0023H:I、 0024H:J、 0025H:K、 0026H:L、 0027H:M、 0028H:N、 0029H:O 002AH:P、 002BH:Q、 002CH:R、 002DH:S、 002EH:T、 002FH:U、 0030H:V、 0031H:W、 0032H:X、 0033H:Y、 0034H:Z、 0035H:[、 0036H:]、 0037H:(、 0038H:)、 0039H:$_1$、 003AH:$_2$、 003BH:$_3$、 003CH:^{1}、 003DH:^{2}、 003EH:^{3}、 003FH:$^-$、 0040H:μ、 0041H:Ω、 0042H:g、 0043H:・、 0044H:/、 0045H:ℓ、 0046H:%、 0047H:‰、 0048H:° 、 0049H:’ 、 004AH:”
0BCDH	A	1	Pulse input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to "Pulse input, instantaneous value display custom unit first character"
0BCEH	A	1	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to "Pulse input, instantaneous value display custom unit first character"
0BCFH	A	1	Pulse input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to "Pulse input, instantaneous value display custom unit first character"
0BD0H	A	1	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to "Pulse input, instantaneous value display custom unit first character"
0BD1H	A	1	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to "Pulse input, instantaneous value display custom unit first character"
0BD2H	A	1	Pulse input, instantaneous value auto zero time	2	R/W	0～9999[×0.01 Seconds]
0BD3H	A	1	Pulse input, instantaneous value moving average	2	R/W	0000 H: None, 0001 H: 2 times, 0002 H: 3 times, 0003 H: 4 times, 0004 H: 5 times, 0005 H: 6 times, 0006 H: 7 times, 0007 H: 8 times, 0008 H: 9 times
0BD4H	A	1	Pulse input, instantaneous value simple average	2	R/W	0000 H: None, 0001 H: 2 times, 0002 H: 4 times, 0003 H: 8 times, 0004 H: 16 times, 0005 H: 32 times, 0006 H: 64 times, 0007 H: 128 times, 0008 H: 256 times
0BD5H	A	1	Pulse input, instantaneous value display step	2	R/W	0000H: None, 0001H: 5 steps, 0002H: 10 steps
0BD6H	A	1	Pulse input, mantissa part of totalized value display coefficient	4	R/W	0～999,999
0BD8H	A	1	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	-9～9
0BD9H	A	1	Pulse input, mantissa part of totalized value default value	4	R/W	-999,999～999,999
0BDBH	A	1	Pulse input, exponent part of totalized value default value	2	R/W	-9～9
0BDCH	A	1	Pulse input, total calculation direction	2	R/W	0000H: AddToDefault, 0001H: SubFromDefault
0BDDH	A	1	Pulse input, totalized value Decimal point position	2	R/W	0000H:None, 0001H:The lower right of the 2nd digit, 0002H:The lower right of the 3rd digit, 0003H:The lower right of the 4th digit, 0004H:The lower right of the 5th digit, 0005H:The lower right of the 6th digit
0BDEH	A	1	Pulse input, totalized value display unit	2	R/W	※Refer to "Pulse input, instantaneous value display unit"

0BDFH	A	1	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to "Pulse input, instantaneous value display Custom unit first character"
0BE0H	A	1	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to "Pulse input, instantaneous value display Custom unit first character"
0BE1H	A	1	Pulse input, totalized value display Custom unit 3rd character	2	R/W	※Refer to "Pulse input, instantaneous value display Custom unit first character"
0BE2H	A	1	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to "Pulse input, instantaneous value display Custom unit first character"
0BE3H	A	1	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to "Pulse input, instantaneous value display Custom unit first character"
0BE4H	A	1	Pulse input, totalized value display Custom unit 6th character	2	R/W	※Refer to "Pulse input, instantaneous value display Custom unit first character"
0BE5H	A	1	Pulse input, totalized value overrun count	2	R/W	0000 H: None, 0001 H: 999 times, 0002 H: Endless
0BE6H ～ 0BF3H	～	～	Reserve	～	～	
0BF4H	A	2	Pulse Input, input type	2	R/W	※Refer to Pattern1
0BF5H	A	2	Pulse input, input filter	2	R/W	※Refer to Pattern1
0BF6H	A	2	Sensor power supply for general purpose pulse input type	2	R/W	※Refer to Pattern1
0BF7H	A	2	Sensor power supply for line driver input type	2	R/W	※Refer to Pattern1
0BF8H	A	2	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to Pattern1
0BFAH	A	2	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	※Refer to Pattern1
0BFBH	A	2	Pulse input, instantaneous unit time.	2	R/W	※Refer to Pattern1
0BFCH	A	2	Pulse input, instantaneous value Decimal point position	2	R/W	※Refer to Pattern1
0BFDH	A	2	Pulse input, instantaneous value display unit	2	R/W	※Refer to Pattern1
0BFEH	A	2	Pulse input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to Pattern1
0BFFH	A	2	Pulse input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to Pattern1
0C00H	A	2	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to Pattern1
0C01H	A	2	Pulse input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to Pattern1
0C02H	A	2	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to Pattern1
0C03H	A	2	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to Pattern1
0C04H	A	2	Pulse input, instantaneous value auto zero time	2	R/W	※Refer to Pattern1
0C05H	A	2	Pulse input, instantaneous value moving average	2	R/W	※Refer to Pattern1
0C06H	A	2	Pulse input, instantaneous value simple average	2	R/W	※Refer to Pattern1
0C07H	A	2	Pulse input, instantaneous value display step	2	R/W	※Refer to Pattern1
0C08H	A	2	Pulse input, mantissa part of totalized value display coefficient	4	R/W	※Refer to Pattern1
0C0AH	A	2	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	※Refer to Pattern1
0C0BH	A	2	Pulse input, mantissa part of totalized value default value	4	R/W	※Refer to Pattern1
0C0DH	A	2	Pulse input, exponent part of totalized value default value	2	R/W	※Refer to Pattern1
0C0EH	A	2	Pulse input, total calculation direction	2	R/W	※Refer to Pattern1
0C0FH	A	2	Pulse input, totalized value Decimal point position	2	R/W	※Refer to Pattern1
0C10H	A	2	Pulse input, totalized value display unit	2	R/W	※Refer to Pattern1
0C11H	A	2	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to Pattern1
0C12H	A	2	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to Pattern1
0C13H	A	2	Pulse input, totalized value display Custom	2	R/W	※Refer to Pattern1

			unit 3rd character			
0C14H	A	2	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to Pattern1
0C15H	A	2	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to Pattern1
0C16H	A	2	Pulse input, totalized value display Custom unit 6th character	2	R/W	※Refer to Pattern1
0C17H	A	2	Pulse input, totalized value overrun count	2	R/W	※Refer to Pattern1
0C18H ～ 0C25H	～	～	Reserve	～	～	
0C26H	A	3	Pulse Input, input type	2	R/W	※Refer to Pattern1
0C27H	A	3	Pulse input, input filter	2	R/W	※Refer to Pattern1
0C28H	A	3	Sensor power supply for general purpose pulse input type	2	R/W	※Refer to Pattern1
0C29H	A	3	Sensor power supply for line driver input type	2	R/W	※Refer to Pattern1
0C2AH	A	3	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to Pattern1
0C2CH	A	3	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	※Refer to Pattern1
0C2DH	A	3	Pulse input, instantaneous unit time.	2	R/W	※Refer to Pattern1
0C2EH	A	3	Pulse input, instantaneous value Decimal point position	2	R/W	※Refer to Pattern1
0C2FH	A	3	Pulse input, instantaneous value display unit	2	R/W	※Refer to Pattern1
0C30H	A	3	Pulse input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to Pattern1
0C31H	A	3	Pulse input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to Pattern1
0C32H	A	3	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to Pattern1
0C33H	A	3	Pulse input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to Pattern1
0C34H	A	3	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to Pattern1
0C35H	A	3	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to Pattern1
0C36H	A	3	Pulse input, instantaneous value auto zero time	2	R/W	※Refer to Pattern1
0C37H	A	3	Pulse input, instantaneous value moving average	2	R/W	※Refer to Pattern1
0C38H	A	3	Pulse input, instantaneous value simple average	2	R/W	※Refer to Pattern1
0C39H	A	3	Pulse input, instantaneous value display step	2	R/W	※Refer to Pattern1
0C3AH	A	3	Pulse input, mantissa part of totalized value display coefficient	4	R/W	※Refer to Pattern1
0C3CH	A	3	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	※Refer to Pattern1
0C3DH	A	3	Pulse input, mantissa part of totalized value default value	4	R/W	※Refer to Pattern1
0C3FH	A	3	Pulse input, exponent part of totalized value default value	2	R/W	※Refer to Pattern1
0C40H	A	3	Pulse input, total calculation direction	2	R/W	※Refer to Pattern1
0C41H	A	3	Pulse input, totalized value Decimal point position	2	R/W	※Refer to Pattern1
0C42H	A	3	Pulse input, totalized value display unit	2	R/W	※Refer to Pattern1
0C43H	A	3	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to Pattern1
0C44H	A	3	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to Pattern1
0C45H	A	3	Pulse input, totalized value display Custom unit 3rd character	2	R/W	※Refer to Pattern1
0C46H	A	3	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to Pattern1
0C47H	A	3	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to Pattern1
0C48H	A	3	Pulse input, totalized value display Custom	2	R/W	※Refer to Pattern1

			unit 6th character			
0C49H	A	3	Pulse input, totalized value overrun count	2	R/W	※Refer to Pattern1
0C50H ～ 0C57H	～	～	Reserve	～	～	
0C58H	A	4	Pulse Input, input type	2	R/W	※Refer to Pattern1
0C59H	A	4	Pulse input, input filter	2	R/W	※Refer to Pattern1
0C5AH	A	4	Sensor power supply for general purpose pulse input type	2	R/W	※Refer to Pattern1
0C5BH	A	4	Sensor power supply for line driver input type	2	R/W	※Refer to Pattern1
0C5CH	A	4	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to Pattern1
0C5EH	A	4	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	※Refer to Pattern1
0C5FH	A	4	Pulse input, instantaneous unit time.	2	R/W	※Refer to Pattern1
0C60H	A	4	Pulse input, instantaneous value Decimal point position	2	R/W	※Refer to Pattern1
0C61H	A	4	Pulse input, instantaneous value display unit	2	R/W	※Refer to Pattern1
0C62H	A	4	Pulse input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to Pattern1
0C63H	A	4	Pulse input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to Pattern1
0C64H	A	4	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to Pattern1
0C65H	A	4	Pulse input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to Pattern1
0C66H	A	4	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to Pattern1
0C67H	A	4	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to Pattern1
0C68H	A	4	Pulse input, instantaneous value auto zero time	2	R/W	※Refer to Pattern1
0C69H	A	4	Pulse input, instantaneous value moving average	2	R/W	※Refer to Pattern1
0C6AH	A	4	Pulse input, instantaneous value simple average	2	R/W	※Refer to Pattern1
0C6BH	A	4	Pulse input, instantaneous value display step	2	R/W	※Refer to Pattern1
0C6CH	A	4	Pulse input, mantissa part of totalized value display coefficient	4	R/W	※Refer to Pattern1
0C6EH	A	4	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	※Refer to Pattern1
0C6FH	A	4	Pulse input, mantissa part of totalized value default value	4	R/W	※Refer to Pattern1
0C71H	A	4	Pulse input, exponent part of totalized value default value	2	R/W	※Refer to Pattern1
0C72H	A	4	Pulse input, total calculation direction	2	R/W	※Refer to Pattern1
0C73H	A	4	Pulse input, totalized value Decimal point position	2	R/W	※Refer to Pattern1
0C74H	A	4	Pulse input, totalized value display unit	2	R/W	※Refer to Pattern1
0C75H	A	4	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to Pattern1
0C76H	A	4	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to Pattern1
0C77H	A	4	Pulse input, totalized value display Custom unit 3rd character	2	R/W	※Refer to Pattern1
0C78H	A	4	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to Pattern1
0C79H	A	4	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to Pattern1
0C7AH	A	4	Pulse input, totalized value display Custom unit 6th character	2	R/W	※Refer to Pattern1
0C7BH	A	4	Pulse input, totalized value overrun count	2	R/W	※Refer to Pattern1
0C7CH ～ 0C8BH	～	～	Reserve	～	～	

0C8AH	A	5	Pulse Input, input type	2	R/W	※Refer to Pattern1
0C8BH	A	5	Pulse input, input filter	2	R/W	※Refer to Pattern1
0C8CH	A	5	Sensor power supply for general purpose pulse input type	2	R/W	※Refer to Pattern1
0C8DH	A	5	Sensor power supply for line driver input type	2	R/W	※Refer to Pattern1
0C8EH	A	5	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to Pattern1
0C90H	A	5	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	※Refer to Pattern1
0C91H	A	5	Pulse input, instantaneous unit time.	2	R/W	※Refer to Pattern1
0C92H	A	5	Pulse input, instantaneous value Decimal point position	2	R/W	※Refer to Pattern1
0C93H	A	5	Pulse input, instantaneous value display unit	2	R/W	※Refer to Pattern1
0C94H	A	5	Pulse input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to Pattern1
0C95H	A	5	Pulse input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to Pattern1
0C96H	A	5	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to Pattern1
0C97H	A	5	Pulse input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to Pattern1
0C98H	A	5	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to Pattern1
0C99H	A	5	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to Pattern1
0C9AH	A	5	Pulse input, instantaneous value auto zero time	2	R/W	※Refer to Pattern1
0C9BH	A	5	Pulse input, instantaneous value moving average	2	R/W	※Refer to Pattern1
0C9CH	A	5	Pulse input, instantaneous value simple average	2	R/W	※Refer to Pattern1
0C9DH	A	5	Pulse input, instantaneous value display step	2	R/W	※Refer to Pattern1
0C9EH	A	5	Pulse input, mantissa part of totalized value display coefficient	4	R/W	※Refer to Pattern1
0CA0H	A	5	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	※Refer to Pattern1
0CA1H	A	5	Pulse input, mantissa part of totalized value default value	4	R/W	※Refer to Pattern1
0CA3H	A	5	Pulse input, exponent part of totalized value default value	2	R/W	※Refer to Pattern1
0CA4H	A	5	Pulse input, total calculation direction	2	R/W	※Refer to Pattern1
0CA5H	A	5	Pulse input, totalized value Decimal point position	2	R/W	※Refer to Pattern1
0CA6H	A	5	Pulse input, totalized value display unit	2	R/W	※Refer to Pattern1
0CA7H	A	5	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to Pattern1
0CA8H	A	5	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to Pattern1
0CA9H	A	5	Pulse input, totalized value display Custom unit 3rd character	2	R/W	※Refer to Pattern1
0CAAH	A	5	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to Pattern1
0CABH	A	5	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to Pattern1
0CACH	A	5	Pulse input, totalized value display Custom unit 6th character	2	R/W	※Refer to Pattern1
0CADH	A	5	Pulse input, totalized value overrun count	2	R/W	※Refer to Pattern1
0CAEH ～ 0CBBH	～	～	Reserve	～	～	
0CBCH	A	6	Pulse Input, input type	2	R/W	※Refer to Pattern1
0CBDH	A	6	Pulse input, input filter	2	R/W	※Refer to Pattern1
0CBEH	A	6	Sensor power supply for general purpose pulse input type	2	R/W	※Refer to Pattern1
0CBFH	A	6	Sensor power supply for line driver input	2	R/W	※Refer to Pattern1

			type			
0CC0H	A	6	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to Pattern1
0CC2H	A	6	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	※Refer to Pattern1
0CC3H	A	6	Pulse input, instantaneous unit time.	2	R/W	※Refer to Pattern1
0CC4H	A	6	Pulse input, instantaneous value Decimal point position	2	R/W	※Refer to Pattern1
0CC5H	A	6	Pulse input, instantaneous value display unit	2	R/W	※Refer to Pattern1
0CC6H	A	6	Pulse input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to Pattern1
0CC7H	A	6	Pulse input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to Pattern1
0CC8H	A	6	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to Pattern1
0CC9H	A	6	Pulse input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to Pattern1
0CCAH	A	6	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to Pattern1
0CCBH	A	6	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to Pattern1
0CCCH	A	6	Pulse input, instantaneous value auto zero time	2	R/W	※Refer to Pattern1
0CCDH	A	6	Pulse input, instantaneous value moving average	2	R/W	※Refer to Pattern1
0CCEH	A	6	Pulse input, instantaneous value simple average	2	R/W	※Refer to Pattern1
0CCFH	A	6	Pulse input, instantaneous value display step	2	R/W	※Refer to Pattern1
0CD0H	A	6	Pulse input, mantissa part of totalized value display coefficient	4	R/W	※Refer to Pattern1
0CD2H	A	6	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	※Refer to Pattern1
0CD3H	A	6	Pulse input, mantissa part of totalized value default value	4	R/W	※Refer to Pattern1
0CD5H	A	6	Pulse input, exponent part of totalized value default value	2	R/W	※Refer to Pattern1
0CD6H	A	6	Pulse input, total calculation direction	2	R/W	※Refer to Pattern1
0CD7H	A	6	Pulse input, totalized value Decimal point position	2	R/W	※Refer to Pattern1
0CD8H	A	6	Pulse input, totalized value display unit	2	R/W	※Refer to Pattern1
0CD9H	A	6	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to Pattern1
0CDAH	A	6	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to Pattern1
0CDBH	A	6	Pulse input, totalized value display Custom unit 3rd character	2	R/W	※Refer to Pattern1
0CDCH	A	6	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to Pattern1
0CDDH	A	6	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to Pattern1
0CDEH	A	6	Pulse input, totalized value display Custom unit 6th character	2	R/W	※Refer to Pattern1
0CDFH	A	6	Pulse input, totalized value overrun count	2	R/W	※Refer to Pattern1
0CE0H ～ 0CEDH	～	～	Reserve	～	～	※Refer to Pattern1
0CEEH	A	7	Pulse Input, input type	2	R/W	※Refer to Pattern1
0CEFH	A	7	Pulse input, input filter	2	R/W	※Refer to Pattern1
0CF0H	A	7	Sensor power supply for general purpose pulse input type	2	R/W	※Refer to Pattern1
0CF1H	A	7	Sensor power supply for line driver input type	2	R/W	※Refer to Pattern1
0CF2H	A	7	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to Pattern1
0CF4H	A	7	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	※Refer to Pattern1
0CF5H	A	7	Pulse input, instantaneous unit time.	2	R/W	※Refer to Pattern1

0CF6H	A	7	Pulse input, instantaneous value Decimal point position	2	R/W	※Refer to Pattern1
0CF7H	A	7	Pulse input, instantaneous value display unit	2	R/W	※Refer to Pattern1
0CF8H	A	7	Pulse input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to Pattern1
0CF9H	A	7	Pulse input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to Pattern1
0CFAH	A	7	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to Pattern1
0CFBH	A	7	Pulse input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to Pattern1
0CFCH	A	7	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to Pattern1
0CFDH	A	7	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to Pattern1
0CFEH	A	7	Pulse input, instantaneous value auto zero time	2	R/W	※Refer to Pattern1
0CFFH	A	7	Pulse input, instantaneous value moving average	2	R/W	※Refer to Pattern1
0D00H	A	7	Pulse input, instantaneous value simple average	2	R/W	※Refer to Pattern1
0D01H	A	7	Pulse input, instantaneous value display step	2	R/W	※Refer to Pattern1
0D02H	A	7	Pulse input, mantissa part of totalized value display coefficient	4	R/W	※Refer to Pattern1
0D04H	A	7	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	※Refer to Pattern1
0D05H	A	7	Pulse input, mantissa part of totalized value default value	4	R/W	※Refer to Pattern1
0D07H	A	7	Pulse input, exponent part of totalized value default value	2	R/W	※Refer to Pattern1
0D08H	A	7	Pulse input, total calculation direction	2	R/W	※Refer to Pattern1
0D09H	A	7	Pulse input, totalized value Decimal point position	2	R/W	※Refer to Pattern1
0D0AH	A	7	Pulse input, totalized value display unit	2	R/W	※Refer to Pattern1
0D0BH	A	7	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to Pattern1
0D0CH	A	7	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to Pattern1
0D0DH	A	7	Pulse input, totalized value display Custom unit 3rd character	2	R/W	※Refer to Pattern1
0D0EH	A	7	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to Pattern1
0D0FH	A	7	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to Pattern1
0D10H	A	7	Pulse input, totalized value display Custom unit 6th character	2	R/W	※Refer to Pattern1
0D11H	A	7	Pulse input, totalized value overrun count	2	R/W	※Refer to Pattern1
0D12H ～ 0D1FH	～	～	Reserve	～	～	
0D20H	A	8	Pulse Input, input type	2	R/W	※Refer to Pattern1
0D21H	A	8	Pulse input, input filter	2	R/W	※Refer to Pattern1
0D22H	A	8	Sensor power supply for general purpose pulse input type	2	R/W	※Refer to Pattern1
0D23H	A	8	Sensor power supply for line driver input type	2	R/W	※Refer to Pattern1
0D24H	A	8	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to Pattern1
0D26H	A	8	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	※Refer to Pattern1
0D27H	A	8	Pulse input, instantaneous unit time.	2	R/W	※Refer to Pattern1
0D28H	A	8	Pulse input, instantaneous value Decimal point position	2	R/W	※Refer to Pattern1
0D29H	A	8	Pulse input, instantaneous value display unit	2	R/W	※Refer to Pattern1
0D2AH	A	8	Pulse input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to Pattern1
0D2BH	A	8	Pulse input, instantaneous value display	2	R/W	※Refer to Pattern1

			Custom unit 2nd character			
0D2CH	A	8	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to Pattern1
0D2DH	A	8	Pulse input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to Pattern1
0D2EH	A	8	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to Pattern1
0D2FH	A	8	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to Pattern1
0D30H	A	8	Pulse input, instantaneous value auto zero time	2	R/W	※Refer to Pattern1
0D31H	A	8	Pulse input, instantaneous value moving average	2	R/W	※Refer to Pattern1
0D32H	A	8	Pulse input, instantaneous value simple average	2	R/W	※Refer to Pattern1
0D33H	A	8	Pulse input, instantaneous value display step	2	R/W	※Refer to Pattern1
0D34H	A	8	Pulse input, mantissa part of totalized value display coefficient	4	R/W	※Refer to Pattern1
0D36H	A	8	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	※Refer to Pattern1
0D37H	A	8	Pulse input, mantissa part of totalized value default value	4	R/W	※Refer to Pattern1
0D39H	A	8	Pulse input, exponent part of totalized value default value	2	R/W	※Refer to Pattern1
0D3AH	A	8	Pulse input, total calculation direction	2	R/W	※Refer to Pattern1
0D3BH	A	8	Pulse input, totalized value Decimal point position	2	R/W	※Refer to Pattern1
0D3CH	A	8	Pulse input, totalized value display unit	2	R/W	※Refer to Pattern1
0D3DH	A	8	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to Pattern1
0D3EH	A	8	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to Pattern1
0D3FH	A	8	Pulse input, totalized value display Custom unit 3rd character	2	R/W	※Refer to Pattern1
0D40H	A	8	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to Pattern1
0D41H	A	8	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to Pattern1
0D42H	A	8	Pulse input, totalized value display Custom unit 6th character	2	R/W	※Refer to Pattern1
0D43H	A	8	Pulse input, totalized value overrun count	2	R/W	※Refer to Pattern1
0D44H ～ 0D51H	～	～	Reserve	～	～	

0D52H	B	1	Pulse Input, input type	2	R/W	In case of general purpose pulse input type 0000H: Open collector, 0001H: Logic, 0002H: Zero cross, 0003 H: 2 Wire In case of line driver pulse input type 0000H: Line driver
0D53H	B	1	Pulse input, input filter	2	R/W	※Refer to “Pulse input A pattern 1”
0D54H	B	1	Sensor power supply for general purpose pulse input type	2	R/W	※Refer to “Pulse input A pattern 1”
0D55H	B	1	Sensor power supply for line driver input type	2	R/W	※Refer to “Pulse input A pattern 1”
0D56H	B	1	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pulse input A pattern 1”
0D58H	B	1	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	※Refer to “Pulse input A pattern 1”
0D59H	B	1	Pulse input, instantaneous unit time.	2	R/W	※Refer to “Pulse input A pattern 1”
0D5AH	B	1	Pulse input, instantaneous value Decimal point position	2	R/W	※Refer to “Pulse input A pattern 1”
0D5BH	B	1	Pulse input, instantaneous value display unit	2	R/W	※Refer to “Pulse input A pattern 1”
0D5CH	B	1	Pulse input, instantaneous value display	2	R/W	※Refer to “Pulse input A pattern 1”

			Custom unit 1st character			
0D5DH	B	1	Pulse input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pulse input A pattern 1”
0D5EH	B	1	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pulse input A pattern 1”
0D5FH	B	1	Pulse input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pulse input A pattern 1”
0D60H	B	1	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pulse input A pattern 1”
0D61H	B	1	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pulse input A pattern 1”
0D62H	B	1	Pulse input, instantaneous value auto zero time	2	R/W	※Refer to “Pulse input A pattern 1”
0D63H	B	1	Pulse input, instantaneous value moving average	2	R/W	※Refer to “Pulse input A pattern 1”
0D64H	B	1	Pulse input, instantaneous value simple average	2	R/W	※Refer to “Pulse input A pattern 1”
0D65H	B	1	Pulse input, instantaneous value display step	2	R/W	※Refer to “Pulse input A pattern 1”
0D66H	B	1	Pulse input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pulse input A pattern 1”
0D68H	B	1	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	※Refer to “Pulse input A pattern 1”
0D69H	B	1	Pulse input, mantissa part of totalized value default value	4	R/W	※Refer to “Pulse input A pattern 1”
0D6BH	B	1	Pulse input, exponent part of totalized value default value	2	R/W	※Refer to “Pulse input A pattern 1”
0D6CH	B	1	Pulse input, total calculation direction	2	R/W	※Refer to “Pulse input A pattern 1”
0D6DH	B	1	Pulse input, totalized value Decimal point position	2	R/W	※Refer to “Pulse input A pattern 1”
0D6EH	B	1	Pulse input, totalized value display unit	2	R/W	※Refer to “Pulse input A pattern 1”
0D6FH	B	1	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pulse input A pattern 1”
0D70H	B	1	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pulse input A pattern 1”
0D71H	B	1	Pulse input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pulse input A pattern 1”
0D72H	B	1	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pulse input A pattern 1”
0D73H	B	1	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pulse input A pattern 1”
0D74H	B	1	Pulse input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pulse input A pattern 1”
0D75H	B	1	Pulse input, totalized value overrun count	2	R/W	※Refer to “Pulse input A pattern 1”
0D75H ～ 0D83H	～	～	Reserve	～	～	
0D84H	B	2	Pulse Input, input type	2	R/W	※Refer to “Pattern 1”
0D85H	B	2	Pulse input, input filter	2	R/W	※Refer to “Pattern 1”
0D86H	B	2	Sensor power supply for general purpose pulse input type	2	R/W	※Refer to “Pattern 1”
0D87H	B	2	Sensor power supply for line driver input type	2	R/W	※Refer to “Pattern 1”
0D88H	B	2	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
0D8AH	B	2	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	※Refer to “Pattern 1”
0D8BH	B	2	Pulse input, instantaneous unit time.	2	R/W	※Refer to “Pattern 1”
0D8CH	B	2	Pulse input, instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
0D8DH	B	2	Pulse input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
0D8EH	B	2	Pulse input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
0D8FH	B	2	Pulse input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
0D90H	B	2	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
0D91H	B	2	Pulse input, instantaneous value display	2	R/W	※Refer to “Pattern 1”

			Custom unit 4th character			
0D92H	B	2	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
0D93H	B	2	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
0D94H	B	2	Pulse input, instantaneous value auto zero time	2	R/W	※Refer to “Pattern 1”
0D95H	B	2	Pulse input, instantaneous value moving average	2	R/W	※Refer to “Pattern 1”
0D96H	B	2	Pulse input, instantaneous value simple average	2	R/W	※Refer to “Pattern 1”
0D97H	B	2	Pulse input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
0D98H	B	2	Pulse input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
0D9AH	B	2	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	※Refer to “Pattern 1”
0D9BH	B	2	Pulse input, mantissa part of totalized value default value	4	R/W	※Refer to “Pattern 1”
0D9DH	B	2	Pulse input, exponent part of totalized value default value	2	R/W	※Refer to “Pattern 1”
0D9EH	B	2	Pulse input, total calculation direction	2	R/W	※Refer to “Pattern 1”
0D9FH	B	2	Pulse input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
0DA0H	B	2	Pulse input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
0DA1H	B	2	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
0DA2H	B	2	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
0DA3H	B	2	Pulse input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
0DA4H	B	2	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
0DA5H	B	2	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
0DA6H	B	2	Pulse input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
0DA7H	B	2	Pulse input, totalized value overrun count	2	R/W	※Refer to “Pattern 1”
0DA8H ～ 0DB5H	～	～	Reserve	～	～	
0DB6H	B	3	Pulse Input, input type	2	R/W	※Refer to “Pattern 1”
0DB7H	B	3	Pulse input, input filter	2	R/W	※Refer to “Pattern 1”
0DB8H	B	3	Sensor power supply for general purpose pulse input type	2	R/W	※Refer to “Pattern 1”
0DB9H	B	3	Sensor power supply for line driver input type	2	R/W	※Refer to “Pattern 1”
0DBAH	B	3	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
0DBCH	B	3	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	※Refer to “Pattern 1”
0DBDH	B	3	Pulse input, instantaneous unit time.	2	R/W	※Refer to “Pattern 1”
0DBEH	B	3	Pulse input, instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
0DBFH	B	3	Pulse input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
0DC0H	B	3	Pulse input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
0DC1H	B	3	Pulse input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
0DC2H	B	3	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
0DC3H	B	3	Pulse input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
0DC4H	B	3	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
0DC5H	B	3	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
0DC6H	B	3	Pulse input, instantaneous value auto zero	2	R/W	※Refer to “Pattern 1”

			time			
0DC7H	B	3	Pulse input, instantaneous value moving average	2	R/W	※Refer to “Pattern 1”
0DC8H	B	3	Pulse input, instantaneous value simple average	2	R/W	※Refer to “Pattern 1”
0DC9H	B	3	Pulse input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
0DCAH	B	3	Pulse input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
0DCCH	B	3	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	※Refer to “Pattern 1”
0DCDH	B	3	Pulse input, mantissa part of totalized value default value	4	R/W	※Refer to “Pattern 1”
0DCFH	B	3	Pulse input, exponent part of totalized value default value	2	R/W	※Refer to “Pattern 1”
0DD0H	B	3	Pulse input, total calculation direction	2	R/W	※Refer to “Pattern 1”
0DD1H	B	3	Pulse input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
0DD2H	B	3	Pulse input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
0DD3H	B	3	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
0DD4H	B	3	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
0DD5H	B	3	Pulse input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
0DD6H	B	3	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
0DD7H	B	3	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
0DD8H	B	3	Pulse input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
0DD9H	B	3	Pulse input, totalized value overrun count	2	R/W	※Refer to “Pattern 1”
0DDAH ～ 0DE7H	～	～	Reserve	～	～	
0DE8H	B	4	Pulse Input, input type	2	R/W	※Refer to “Pattern 1”
0DE9H	B	4	Pulse input, input filter	2	R/W	※Refer to “Pattern 1”
0DEAH	B	4	Sensor power supply for general purpose pulse input type	2	R/W	※Refer to “Pattern 1”
0DEBH	B	4	Sensor power supply for line driver input type	2	R/W	※Refer to “Pattern 1”
0DECH	B	4	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
0DEEH	B	4	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	※Refer to “Pattern 1”
0DEFH	B	4	Pulse input, instantaneous unit time.	2	R/W	※Refer to “Pattern 1”
0DF0H	B	4	Pulse input, instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
0DF1H	B	4	Pulse input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
0DF2H	B	4	Pulse input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
0DF3H	B	4	Pulse input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
0DF4H	B	4	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
0DF5H	B	4	Pulse input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
0DF6H	B	4	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
0DF7H	B	4	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
0DF8H	B	4	Pulse input, instantaneous value auto zero time	2	R/W	※Refer to “Pattern 1”
0DF9H	B	4	Pulse input, instantaneous value moving average	2	R/W	※Refer to “Pattern 1”
0DFAH	B	4	Pulse input, instantaneous value simple average	2	R/W	※Refer to “Pattern 1”
0DFBH	B	4	Pulse input, instantaneous value display	2	R/W	※Refer to “Pattern 1”

			step			
0DFCH	B	4	Pulse input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
0DFEH	B	4	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	※Refer to “Pattern 1”
0DFFH	B	4	Pulse input, mantissa part of totalized value default value	4	R/W	※Refer to “Pattern 1”
0E01H	B	4	Pulse input, exponent part of totalized value default value	2	R/W	※Refer to “Pattern 1”
0E02H	B	4	Pulse input, total calculation direction	2	R/W	※Refer to “Pattern 1”
0E03H	B	4	Pulse input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
0E04H	B	4	Pulse input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
0E05H	B	4	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
0E06H	B	4	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
0E07H	B	4	Pulse input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
0E08H	B	4	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
0E09H	B	4	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
0E0AH	B	4	Pulse input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
0E0BH	B	4	Pulse input, totalized value overrun count	2	R/W	※Refer to “Pattern 1”
0E0CH ～ 0E19H	～	～	Reserve	～	～	
0E1AH	B	5	Pulse Input, input type	2	R/W	※Refer to “Pattern 1”
0E1BH	B	5	Pulse input, input filter	2	R/W	※Refer to “Pattern 1”
0E1CH	B	5	Sensor power supply for general purpose pulse input type	2	R/W	※Refer to “Pattern 1”
0E1DH	B	5	Sensor power supply for line driver input type	2	R/W	※Refer to “Pattern 1”
0E1EH	B	5	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
0E20H	B	5	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	※Refer to “Pattern 1”
0E21H	B	5	Pulse input, instantaneous unit time.	2	R/W	※Refer to “Pattern 1”
0E22H	B	5	Pulse input, instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
0E23H	B	5	Pulse input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
0E24H	B	5	Pulse input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
0E25H	B	5	Pulse input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
0E26H	B	5	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
0E27H	B	5	Pulse input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
0E28H	B	5	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
0E29H	B	5	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
0E2AH	B	5	Pulse input, instantaneous value auto zero time	2	R/W	※Refer to “Pattern 1”
0E2BH	B	5	Pulse input, instantaneous value moving average	2	R/W	※Refer to “Pattern 1”
0E2CH	B	5	Pulse input, instantaneous value simple average	2	R/W	※Refer to “Pattern 1”
0E2DH	B	5	Pulse input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
0E2EH	B	5	Pulse input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
0E30H	B	5	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	※Refer to “Pattern 1”
0E31H	B	5	Pulse input, mantissa part of totalized value	4	R/W	※Refer to “Pattern 1”

			default value			
0E33H	B	5	Pulse input, exponent part of totalized value default value	2	R/W	※Refer to “Pattern 1”
0E34H	B	5	Pulse input, total calculation direction	2	R/W	※Refer to “Pattern 1”
0E35H	B	5	Pulse input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
0E36H	B	5	Pulse input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
0E37H	B	5	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
0E38H	B	5	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
0E39H	B	5	Pulse input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
0E3AH	B	5	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
0E3BH	B	5	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
0E3CH	B	5	Pulse input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
0E3DH	B	5	Pulse input, totalized value overrun count	2	R/W	※Refer to “Pattern 1”
0E3EH ～ 0E4BH	～	～	Reserve	～	～	
0E4CH	B	6	Pulse Input, input type	2	R/W	※Refer to “Pattern 1”
0E4DH	B	6	Pulse input, input filter	2	R/W	※Refer to “Pattern 1”
0E4EH	B	6	Sensor power supply for general purpose pulse input type	2	R/W	※Refer to “Pattern 1”
0E4FH	B	6	Sensor power supply for line driver input type	2	R/W	※Refer to “Pattern 1”
0E50H	B	6	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
0E52H	B	6	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	※Refer to “Pattern 1”
0E53H	B	6	Pulse input, instantaneous unit time.	2	R/W	※Refer to “Pattern 1”
0E54H	B	6	Pulse input, instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
0E55H	B	6	Pulse input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
0E56H	B	6	Pulse input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
0E57H	B	6	Pulse input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
0E58H	B	6	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
0E59H	B	6	Pulse input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
0E5AH	B	6	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
0E5BH	B	6	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
0E5CH	B	6	Pulse input, instantaneous value auto zero time	2	R/W	※Refer to “Pattern 1”
0E5DH	B	6	Pulse input, instantaneous value moving average	2	R/W	※Refer to “Pattern 1”
0E5EH	B	6	Pulse input, instantaneous value simple average	2	R/W	※Refer to “Pattern 1”
0E5FH	B	6	Pulse input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
0E60H	B	6	Pulse input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
0E62H	B	6	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	※Refer to “Pattern 1”
0E63H	B	6	Pulse input, mantissa part of totalized value default value	4	R/W	※Refer to “Pattern 1”
0E65H	B	6	Pulse input, exponent part of totalized value default value	2	R/W	※Refer to “Pattern 1”
0E66H	B	6	Pulse input, total calculation direction	2	R/W	※Refer to “Pattern 1”
0E67H	B	6	Pulse input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”

0E68H	B	6	Pulse input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
0E69H	B	6	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
0E6AH	B	6	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
0E6BH	B	6	Pulse input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
0E6CH	B	6	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
0E6DH	B	6	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
0E6EH	B	6	Pulse input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
0E6FH	B	6	Pulse input, totalized value overrun count	2	R/W	※Refer to “Pattern 1”
0E70H ～ 0E7DH	～	～	Reserve	～	～	
0E7EH	B	7	Pulse Input, input type	2	R/W	※Refer to “Pattern 1”
0E7FH	B	7	Pulse input, input filter	2	R/W	※Refer to “Pattern 1”
0E80H	B	7	Sensor power supply for general purpose pulse input type	2	R/W	※Refer to “Pattern 1”
0E81H	B	7	Sensor power supply for line driver input type	2	R/W	※Refer to “Pattern 1”
0E82H	B	7	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
0E84H	B	7	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	※Refer to “Pattern 1”
0E85H	B	7	Pulse input, instantaneous unit time.	2	R/W	※Refer to “Pattern 1”
0E86H	B	7	Pulse input, instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
0E87H	B	7	Pulse input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
0E88H	B	7	Pulse input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
0E89H	B	7	Pulse input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
0E8AH	B	7	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
0E8BH	B	7	Pulse input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
0E8CH	B	7	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
0E8DH	B	7	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
0E8EH	B	7	Pulse input, instantaneous value auto zero time	2	R/W	※Refer to “Pattern 1”
0E8FH	B	7	Pulse input, instantaneous value moving average	2	R/W	※Refer to “Pattern 1”
0E90H	B	7	Pulse input, instantaneous value simple average	2	R/W	※Refer to “Pattern 1”
0E91H	B	7	Pulse input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
0E92H	B	7	Pulse input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
0E94H	B	7	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	※Refer to “Pattern 1”
0E95H	B	7	Pulse input, mantissa part of totalized value default value	4	R/W	※Refer to “Pattern 1”
0E97H	B	7	Pulse input, exponent part of totalized value default value	2	R/W	※Refer to “Pattern 1”
0E98H	B	7	Pulse input, total calculation direction	2	R/W	※Refer to “Pattern 1”
0E99H	B	7	Pulse input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
0E9AH	B	7	Pulse input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
0E9BH	B	7	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
0E9CH	B	7	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
0E9DH	B	7	Pulse input, totalized value display Custom	2	R/W	※Refer to “Pattern 1”

			unit 3rd character			
0E9EH	B	7	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
0E9FH	B	7	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
0EA0H	B	7	Pulse input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
0EA1H	B	7	Pulse input, totalized value overrun count	2	R/W	※Refer to “Pattern 1”
0EA2H ～ 0EAFH	～	～	Reserve	～	～	
0EB0H	B	8	Pulse Input, input type	2	R/W	※Refer to “Pattern 1”
0EB1H	B	8	Pulse input, input filter	2	R/W	※Refer to “Pattern 1”
0EB2H	B	8	Sensor power supply for general purpose pulse input type	2	R/W	※Refer to “Pattern 1”
0EB3H	B	8	Sensor power supply for line driver input type	2	R/W	※Refer to “Pattern 1”
0EB4H	B	8	Pulse input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
0EB6H	B	8	Pulse input, exponent part of instantaneous value display coefficient	2	R/W	※Refer to “Pattern 1”
0EB7H	B	8	Pulse input, instantaneous unit time.	2	R/W	※Refer to “Pattern 1”
0EB8H	B	8	Pulse input, instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
0EB9H	B	8	Pulse input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
0EBAH	B	8	Pulse input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
0EBBH	B	8	Pulse input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
0EBCH	B	8	Pulse input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
0EBDH	B	8	Pulse input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
0EBEH	B	8	Pulse input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
0EBFH	B	8	Pulse input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
0EC0H	B	8	Pulse input, instantaneous value auto zero time	2	R/W	※Refer to “Pattern 1”
0EC1H	B	8	Pulse input, instantaneous value moving average	2	R/W	※Refer to “Pattern 1”
0EC2H	B	8	Pulse input, instantaneous value simple average	2	R/W	※Refer to “Pattern 1”
0EC3H	B	8	Pulse input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
0EC4H	B	8	Pulse input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
0EC6H	B	8	Pulse input, mantissa part of totalized value display value coefficient	2	R/W	※Refer to “Pattern 1”
0EC7H	B	8	Pulse input, mantissa part of totalized value default value	4	R/W	※Refer to “Pattern 1”
0EC9H	B	8	Pulse input, exponent part of totalized value default value	2	R/W	※Refer to “Pattern 1”
0ECAH	B	8	Pulse input, total calculation direction	2	R/W	※Refer to “Pattern 1”
0ECBH	B	8	Pulse input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
0ECCH	B	8	Pulse input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
0ECDH	B	8	Pulse input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
0ECEH	B	8	Pulse input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
0ECFH	B	8	Pulse input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
0ED0H	B	8	Pulse input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
0ED1H	B	8	Pulse input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
0ED2H	B	8	Pulse input, totalized value display Custom	2	R/W	※Refer to “Pattern 1”

			unit 6th character			
0ED3H	B	8	Pulse input, totalized value overrun count	2	R/W	※Refer to “Pattern 1”
0ED4H ～ 0EE1H	～	～	Reserve	～	～	

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0EE2H	A	1	Analog input, input range	2	R/W	0000H：0～5V、 0001H：1～5V、 0002H：0～10V、 0003H：0～20mA、 0004H：4～20mA
0EE3H	A	1	Analog input, sensor power supply	2	R/W	0000H：12V、0001H：24V
0EE4H	A	1	Analog input, Low cut% value	4	R/W	0～99,999 [x0.001%]
0EE6	A	1	Analog input, simple average	2	R/W	0000H: None, 0001H: 2 times, 0002H: 4 times, 0003H: 8 times, 0004H: 16 times, 0005H: 32 times, 0006H: 64 times, 0007H: 128 times, 0008H: 256 times
0EE7H	A	1	Analog input, moving average	2	R/W	0000H: None, 0001H: 2 times, 0002H: 4 times, 0003H: 8 times, 0004H: 16 times, 0005H: 32 times, 0006H: 64 times
0EE8H	A	1	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	0～999,999
0EEAH	A	1	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	-5～5
0EEBH	A	1	Analog input, Instantaneous value Decimal point position	2	R/W	0000H：None, 0001H：The lower right of the 2nd digit, 0002H：The lower right of the 3rd digit, 0003H：The lower right of the 4th digit, 0004H：The lower right of the 5th digit
0EECH	A	1	Analog input, instantaneous value display unit	2	R/W	0000H：None、 0002H：mA、 0004H：kA、 0006H：mV、 0008H：kV、 000AH：W、 000CH：MW、 000EH：mm、 0010H：m、 0012H：kΩ、 0014H：g、 0016H：N、 0018H：MN、 001AH：kPa、 001CH：hPa、 001EH：kJ、 0020H：Hz、 0022H：MHz、 0024H：mm/s、 0026H：cm/min、 0028H：m/min、 002AH：m/s^2、 002CH：m^3/min、 002EH：kg/h、 0030H：kg/m^3、 0032H：ℓ、 0034H：ℓ/min、 0036H：%、 0038H：%RH、 003AH：ph、 003CH：rpm、 003EH：inch、 0001H：μA、 0003H：A、 0005H：μV、 0007H：V、 0009H：VA、 000BH：kW、 000DH：μm、 000FH：cm、 0011H：Ω、 0013H：MΩ、 0015H：kg、 0017H：kN、 0019H：Pa、 001BH：Mpa、 001DH：J、 001FH：MJ、 0021H：kHz、 0023H：m^3、 0025H：mm/min、 0027H：m/s、 0029H：m/h 002BH：m^3/s、 002DH：m^3/h、 002FH：kg/m^2、 0031H：N/m^2、 0033H：ℓ/s、 0035H：ℓ/h、 0037H：‰、 0039H：℃、 003BH：ppm、 003DH：t、 003FH：Custom unit
0EEDH	A	1	Analog input, instantaneous value display Custom unit 1st character	2	R/W	0000H：None、 0002H：b、 0004H：d、 0006H：f、 0008H：h、 0001H：a、 0003H：c、 0005H：e、 0007H：g、 0009H：i、

						000AH:j、 000CH:l、 000EH:n、 0010H:p、 0012H:r、 0014H:t、 0016H:v、 0018H:x、 001AH:z、 001CH:B、 001EH:D、 0020H:F、 0022H:H、 0024H:J、 0026H:L、 0028H:N、 002AH:P、 002CH:R、 002EH:T、 0030H:V、 0032H:X、 0034H:Z、 0036H:]、 0038H:)、 003AH:$_2$、 003CH:^{1}、 003EH:^{3}、 0040H:μ、 0042H:g、 0044H:/、 0046H:%、 0048H:°、 004AH:”	000BH:k、 000DH:m、 000FH:o、 0011H:q、 0013H:s、 0015H:u、 0017H:w、 0019H:y、 001BH:A、 001DH:C、 001FH:E、 0021H:G、 0023H:I、 0025H:K、 0027H:M、 0029H:O 002BH:Q、 002DH:S、 002FH:U、 0031H:W、 0033H:Y、 0035H:[、 0037H:(、 0039H:$_1$、 003BH:$_3$、 003DH:^{2}、 003FH:$^-$、 0041H:Ω、 0043H:・、 0045H:ℓ、 0047H:‰、 0049H:’、
0EEEH	A	1	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Analog input, instantaneous value display Custom unit 1st character”	
0EEFH	A	1	Analog input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Analog input, instantaneous value display Custom unit 1st character”	
0EF0H	A	1	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Analog input, instantaneous value display Custom unit 1st character”	
0EF1H	A	1	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Analog input, instantaneous value display Custom unit 1st character”	
0EF2H	A	1	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Analog input, instantaneous value display Custom unit 1st character”	
0EF3H	A	1	Analog input, instantaneous value display step	2	R/W	0000H:None、0001H:5 steps、 0002H:10 steps	
0EF4H	A	1	Analog input, mantissa part of totalized value display coefficient	4	R/W	0～999,999	
0EF6H	A	1	Analog input, exponent part of totalized value display coefficient	2	R/W	-9～9	
0EF7H	A	1	Analog input, time unit of totalized unit time.	2	R/W	0000 H: Second, 0001 H: Minute, 0002 H: Hour	
0EF8H	A	1	Analog input, mantissa part of integration initial value	4	R/W	-999,999～999,999	
0EFAH	A	1	Analog input, exponent part of integration initial value	2	R/W	-9～9	
0EFBH	A	1	Analog input, total calculation direction	2	R/W	0000H: AddToDefault, 0001H: SubFromDefault	
0EFCH	A	1	Analog input, totalized value Decimal point position	2	R/W	0000H:None, 0001H:The lower right of the 2nd digit, 0002H:The lower right of the 3rd digit, 0003H:The lower right of the 4th digit, 0004H:The lower right of the 5th digit, 0005H:The lower right of the 6th digit	
0EFDH	A	1	Analog input, totalized value display unit	2	R/W	※Refer to “Analog input, instantaneous value display unit”	
0EFEH	A	1	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Analog input, instantaneous value display Custom unit 1st character”	
0EFFH	A	1	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Analog input, instantaneous value display Custom unit 1st character”	

0F00H	A	1	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Analog input, instantaneous value display Custom unit 1st character”
0F01H	A	1	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Analog input, instantaneous value display Custom unit 1st character”
0F02H	A	1	Analog input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Analog input, instantaneous value display Custom unit 1st character”
0F03H	A	1	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Analog input, instantaneous value display Custom unit 1st character”
0F04H	A	1	Analog input, totalized over operation	2	R/W	0000H：None、0001H：999 times、0002H：Endless
0F05H	A	1	Analog input, linearize function	2	R/W	0000H：None、0001H：Linearize、0002H：Square root
0F06H	A	1	Analog input, linearize 1st point input value	4	R/W	0～100,000 [x0.001%]
0F08H	A	1	Analog input, linearize 1st point output value	4	R/W	0～100,000 [x0.001%]
0F0AH	A	1	Analog input, linearize 2nd point input value	4	R/W	0～100,000 [x0.001%]
0F0CH	A	1	Analog input, linearize 2nd point output value	4	R/W	0～100,000 [x0.001%]
0F0EH	A	1	Analog input, linearize 3rd point input value	4	R/W	0～100,000 [x0.001%]
0F10H	A	1	Analog input, linearize 3rd point output value	4	R/W	0～100,000 [x0.001%]
0F12H	A	1	Analog input, linearize 4th point input value	4	R/W	0～100,000 [x0.001%]
0F14H	A	1	Analog input, linearize 4th point output value	4	R/W	0～100,000 [x0.001%]
0F16H	A	1	Analog input, linearize 5th point input value	4	R/W	0～100,000 [x0.001%]
0F18H	A	1	Analog input, linearize 5th point output value	4	R/W	0～100,000 [x0.001%]
0F1AH	A	1	Analog input, linearize 6th point input value	4	R/W	0～100,000 [x0.001%]
0F1CH	A	1	Analog input, linearize 6th point output value	4	R/W	0～100,000 [x0.001%]
0F1EH	A	1	Analog input, linearize 7th point input value	4	R/W	0～100,000 [x0.001%]
0F20H	A	1	Analog input, linearize 7th point output value	4	R/W	0～100,000 [x0.001%]
0F22H	A	1	Analog input, linearize 8th point input value	4	R/W	0～100,000 [x0.001%]
0F24H	A	1	Analog input, linearize 8th point output value	4	R/W	0～100,000 [x0.001%]
0F26H	A	1	Analog input, linearize 9th point input value	4	R/W	0～100,000 [x0.001%]
0F28H	A	1	Analog input, linearize 9th point output value	4	R/W	0～100,000 [x0.001%]
0F2AH	A	1	Analog input, linearize 10th point input value	4	R/W	0～100,000 [x0.001%]
0F2CH	A	1	Analog input, linearize 10th point output value	4	R/W	0～100,000 [x0.001%]
0F2EH	A	1	Analog input, linearize 11th point input value	4	R/W	0～100,000 [x0.001%]
0F30H	A	1	Analog input, linearize 11th point output value	4	R/W	0～100,000 [x0.001%]
0F32H	A	1	Analog input, linearize 12th point input value	4	R/W	0～100,000 [x0.001%]
0F34H	A	1	Analog input, linearize 12th point output value	4	R/W	0～100,000 [x0.001%]
0F36H	A	1	Analog input, linearize 13th point input value	4	R/W	0～100,000 [x0.001%]
0F38H	A	1	Analog input, linearize 13th point output value	4	R/W	0～100,000 [x0.001%]
0F3AH	A	1	Analog input, linearize 14th point input value	4	R/W	0～100,000 [x0.001%]
0F3CH	A	1	Analog input, linearize 14th point output value	4	R/W	0～100,000 [x0.001%]
0F3EH	A	1	Analog input, linearize 15th point input value	4	R/W	0～100,000 [x0.001%]
0F40H	A	1	Analog input, linearize 15th point output value	4	R/W	0～100,000 [x0.001%]
0F42H	A	1	Analog input, linearize 16th point input value	4	R/W	0～100,000 [x0.001%]
0F44H	A	1	Analog input, linearize 16th point output value	4	R/W	0～100,000 [x0.001%]
0F46H	A	1	Analog input, linearize 17th point input value	4	R/W	0～100,000 [x0.001%]
0F48H	A	1	Analog input, linearize 17th point output value	4	R/W	0～100,000 [x0.001%]
0F4AH	A	1	Analog input, linearize 18th point input value	4	R/W	0～100,000 [x0.001%]
0F4CH	A	1	Analog input, linearize 18th point output value	4	R/W	0～100,000 [x0.001%]
0F4EH	A	1	Analog input, linearize 19th point input value	4	R/W	0～100,000 [x0.001%]

0F50H	A	1	Analog input, linearize 19th point output value	4	R/W	0～100,000 [x0.001%]
0F52H	A	1	Analog input, linearize 20th point input value	4	R/W	0～100,000 [x0.001%]
0F54H	A	1	Analog input, linearize 20th point output value	4	R/W	0～100,000 [x0.001%]
0F56H	A	1	Analog input, linearize 21st point input value	4	R/W	0～100,000 [x0.001%]
0F58H	A	1	Analog input, linearize 21st point output value	4	R/W	0～100,000 [x0.001%]
0F5AH ～ 0F63H	～	～	Reserve	～	～	
F64 H	A	2	Analog input, input range	2	R/W	※Refer to “Pattern 1”
F65 H	A	2	Analog input, sensor power supply	2	R/W	※Refer to “Pattern 1”
F66 H	A	2	Analog input, Low cut% value	4	R/W	※Refer to “Pattern 1”
F68 H	A	2	Analog input, simple average	2	R/W	※Refer to “Pattern 1”
F69 H	A	2	Analog input, moving average	2	R/W	※Refer to “Pattern 1”
F6A H	A	2	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
F6C H	A	2	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	※Refer to “Pattern 1”
F6D H	A	2	Analog input, Instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
F6E H	A	2	Analog input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
F6F H	A	2	Analog input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
F70 H	A	2	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
F71 H	A	2	Analog input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
F72 H	A	2	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
F73 H	A	2	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
F74 H	A	2	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
F75 H	A	2	Analog input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
F76 H	A	2	Analog input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
F78 H	A	2	Analog input, exponent part of totalized value display coefficient	2	R/W	※Refer to “Pattern 1”
F79 H	A	2	Analog input, time unit of totalized unit time.	2	R/W	※Refer to “Pattern 1”
F7A H	A	2	Analog input, mantissa part of integration initial value	4	R/W	※Refer to “Pattern 1”
F7C H	A	2	Analog input, exponent part of integration initial value	2	R/W	※Refer to “Pattern 1”
F7D H	A	2	Analog input, total calculation direction	2	R/W	※Refer to “Pattern 1”
F7E H	A	2	Analog input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
F7F H	A	2	Analog input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
F80 H	A	2	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
F81 H	A	2	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
F82 H	A	2	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
F83 H	A	2	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
F84 H	A	2	Analog input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
F85 H	A	2	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
F86 H	A	2	Analog input, totalized over operation	2	R/W	※Refer to “Pattern 1”
F87 H	A	2	Analog input, linearize function	2	R/W	※Refer to “Pattern 1”
F88 H	A	2	Analog input, linearize 1st point input value	4	R/W	※Refer to “Pattern 1”
F8A H	A	2	Analog input, linearize 1st point output	4	R/W	※Refer to “Pattern 1”

			value			
F8C H	A	2	Analog input, linearize 2nd point input value	4	R/W	※Refer to “Pattern 1”
F8E H	A	2	Analog input, linearize 2nd point output value	4	R/W	※Refer to “Pattern 1”
F90 H	A	2	Analog input, linearize 3rd point input value	4	R/W	※Refer to “Pattern 1”
F92 H	A	2	Analog input, linearize 3rd point output value	4	R/W	※Refer to “Pattern 1”
F94 H	A	2	Analog input, linearize 4th point input value	4	R/W	※Refer to “Pattern 1”
F96 H	A	2	Analog input, linearize 4th point output value	4	R/W	※Refer to “Pattern 1”
F98 H	A	2	Analog input, linearize 5th point input value	4	R/W	※Refer to “Pattern 1”
F9A H	A	2	Analog input, linearize 5th point output value	4	R/W	※Refer to “Pattern 1”
F9C H	A	2	Analog input, linearize 6th point input value	4	R/W	※Refer to “Pattern 1”
F9E H	A	2	Analog input, linearize 6th point output value	4	R/W	※Refer to “Pattern 1”
FA0 H	A	2	Analog input, linearize 7th point input value	4	R/W	※Refer to “Pattern 1”
FA2 H	A	2	Analog input, linearize 7th point output value	4	R/W	※Refer to “Pattern 1”
FA4 H	A	2	Analog input, linearize 8th point input value	4	R/W	※Refer to “Pattern 1”
FA6 H	A	2	Analog input, linearize 8th point output value	4	R/W	※Refer to “Pattern 1”
FA8 H	A	2	Analog input, linearize 9th point input value	4	R/W	※Refer to “Pattern 1”
FAA H	A	2	Analog input, linearize 9th point output value	4	R/W	※Refer to “Pattern 1”
FAC H	A	2	Analog input, linearize 10th point input value	4	R/W	※Refer to “Pattern 1”
FAE H	A	2	Analog input, linearize 10th point output value	4	R/W	※Refer to “Pattern 1”
FB0 H	A	2	Analog input, linearize 11th point input value	4	R/W	※Refer to “Pattern 1”
FB2 H	A	2	Analog input, linearize 11th point output value	4	R/W	※Refer to “Pattern 1”
FB4 H	A	2	Analog input, linearize 12th point input value	4	R/W	※Refer to “Pattern 1”
FB6 H	A	2	Analog input, linearize 12th point output value	4	R/W	※Refer to “Pattern 1”
FB8 H	A	2	Analog input, linearize 13th point input value	4	R/W	※Refer to “Pattern 1”
FBA H	A	2	Analog input, linearize 13th point output value	4	R/W	※Refer to “Pattern 1”
FBC H	A	2	Analog input, linearize 14th point input value	4	R/W	※Refer to “Pattern 1”
FBE H	A	2	Analog input, linearize 14th point output value	4	R/W	※Refer to “Pattern 1”
FC0 H	A	2	Analog input, linearize 15th point input value	4	R/W	※Refer to “Pattern 1”
FC2 H	A	2	Analog input, linearize 15th point output value	4	R/W	※Refer to “Pattern 1”
FC4 H	A	2	Analog input, linearize 16th point input value	4	R/W	※Refer to “Pattern 1”
FC6 H	A	2	Analog input, linearize 16th point output value	4	R/W	※Refer to “Pattern 1”
FC8 H	A	2	Analog input, linearize 17th point input value	4	R/W	※Refer to “Pattern 1”
FCA H	A	2	Analog input, linearize 17th point output value	4	R/W	※Refer to “Pattern 1”
FCC H	A	2	Analog input, linearize 18th point input value	4	R/W	※Refer to “Pattern 1”
FCE H	A	2	Analog input, linearize 18th point output value	4	R/W	※Refer to “Pattern 1”
FD0 H	A	2	Analog input, linearize 19th point input value	4	R/W	※Refer to “Pattern 1”
FD2 H	A	2	Analog input, linearize 19th point output value	4	R/W	※Refer to “Pattern 1”
FD4 H	A	2	Analog input, linearize 20th point input value	4	R/W	※Refer to “Pattern 1”
FD6 H	A	2	Analog input, linearize 20th point output value	4	R/W	※Refer to “Pattern 1”
FD8 H	A	2	Analog input, linearize 21st point input value	4	R/W	※Refer to “Pattern 1”
FDA H	A	2	Analog input, linearize 21st point output value	4	R/W	※Refer to “Pattern 1”
FDC H ～ 0FE5H	～	～	Reserve	～	～	
FE6 H	A	3	Analog input, input range	2	R/W	※Refer to “Pattern 1”
FE7 H	A	3	Analog input, sensor power supply	2	R/W	※Refer to “Pattern 1”
FE8 H	A	3	Analog input, Low cut% value	4	R/W	※Refer to “Pattern 1”

FEA H	A	3	Analog input, simple average	2	R/W	※Refer to “Pattern 1”
FEB H	A	3	Analog input, moving average	2	R/W	※Refer to “Pattern 1”
FEC H	A	3	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
FEE H	A	3	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	※Refer to “Pattern 1”
FEF H	A	3	Analog input, Instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
FF0 H	A	3	Analog input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
FF1 H	A	3	Analog input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
FF2 H	A	3	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
FF3 H	A	3	Analog input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
FF4 H	A	3	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
FF5 H	A	3	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
FF6 H	A	3	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
FF7 H	A	3	Analog input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
FF8 H	A	3	Analog input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
FFA H	A	3	Analog input, exponent part of totalized value display coefficient	2	R/W	※Refer to “Pattern 1”
FFB H	A	3	Analog input, time unit of totalized unit time.	2	R/W	※Refer to “Pattern 1”
FFC H	A	3	Analog input, mantissa part of integration initial value	4	R/W	※Refer to “Pattern 1”
FFE H	A	3	Analog input, exponent part of integration initial value	2	R/W	※Refer to “Pattern 1”
FFF H	A	3	Analog input, total calculation direction	2	R/W	※Refer to “Pattern 1”
1000 H	A	3	Analog input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
1001 H	A	3	Analog input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
1002 H	A	3	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1003 H	A	3	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
1004 H	A	3	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
1005 H	A	3	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
1006 H	A	3	Analog input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
1007 H	A	3	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
1008 H	A	3	Analog input, totalized over operation	2	R/W	※Refer to “Pattern 1”
1009 H	A	3	Analog input, linearize function	2	R/W	※Refer to “Pattern 1”
100A H	A	3	Analog input, linearize 1st point input value	4	R/W	※Refer to “Pattern 1”
100C H	A	3	Analog input, linearize 1st point output value	4	R/W	※Refer to “Pattern 1”
100E H	A	3	Analog input, linearize 2nd point input value	4	R/W	※Refer to “Pattern 1”
1010 H	A	3	Analog input, linearize 2nd point output value	4	R/W	※Refer to “Pattern 1”
1012 H	A	3	Analog input, linearize 3rd point input value	4	R/W	※Refer to “Pattern 1”
1014 H	A	3	Analog input, linearize 3rd point output value	4	R/W	※Refer to “Pattern 1”
1016 H	A	3	Analog input, linearize 4th point input value	4	R/W	※Refer to “Pattern 1”
1018 H	A	3	Analog input, linearize 4th point output value	4	R/W	※Refer to “Pattern 1”
101A H	A	3	Analog input, linearize 5th point input value	4	R/W	※Refer to “Pattern 1”
101C H	A	3	Analog input, linearize 5th point output value	4	R/W	※Refer to “Pattern 1”
101E H	A	3	Analog input, linearize 6th point input value	4	R/W	※Refer to “Pattern 1”
1020 H	A	3	Analog input, linearize 6th point output	4	R/W	※Refer to “Pattern 1”

			value			
1022 H	A	3	Analog input, linearize 7th point input value	4	R/W	※Refer to “Pattern 1”
1024 H	A	3	Analog input, linearize 7th point output value	4	R/W	※Refer to “Pattern 1”
1026 H	A	3	Analog input, linearize 8th point input value	4	R/W	※Refer to “Pattern 1”
1028 H	A	3	Analog input, linearize 8th point output value	4	R/W	※Refer to “Pattern 1”
102A H	A	3	Analog input, linearize 9th point input value	4	R/W	※Refer to “Pattern 1”
102C H	A	3	Analog input, linearize 9th point output value	4	R/W	※Refer to “Pattern 1”
102E H	A	3	Analog input, linearize 10th point input value	4	R/W	※Refer to “Pattern 1”
1030 H	A	3	Analog input, linearize 10th point output value	4	R/W	※Refer to “Pattern 1”
1032 H	A	3	Analog input, linearize 11th point input value	4	R/W	※Refer to “Pattern 1”
1034 H	A	3	Analog input, linearize 11th point output value	4	R/W	※Refer to “Pattern 1”
1036 H	A	3	Analog input, linearize 12th point input value	4	R/W	※Refer to “Pattern 1”
1038 H	A	3	Analog input, linearize 12th point output value	4	R/W	※Refer to “Pattern 1”
103A H	A	3	Analog input, linearize 13th point input value	4	R/W	※Refer to “Pattern 1”
103C H	A	3	Analog input, linearize 13th point output value	4	R/W	※Refer to “Pattern 1”
103E H	A	3	Analog input, linearize 14th point input value	4	R/W	※Refer to “Pattern 1”
1040 H	A	3	Analog input, linearize 14th point output value	4	R/W	※Refer to “Pattern 1”
1042 H	A	3	Analog input, linearize 15th point input value	4	R/W	※Refer to “Pattern 1”
1044 H	A	3	Analog input, linearize 15th point output value	4	R/W	※Refer to “Pattern 1”
1046 H	A	3	Analog input, linearize 16th point input value	4	R/W	※Refer to “Pattern 1”
1048 H	A	3	Analog input, linearize 16th point output value	4	R/W	※Refer to “Pattern 1”
104A H	A	3	Analog input, linearize 17th point input value	4	R/W	※Refer to “Pattern 1”
104C H	A	3	Analog input, linearize 17th point output value	4	R/W	※Refer to “Pattern 1”
104E H	A	3	Analog input, linearize 18th point input value	4	R/W	※Refer to “Pattern 1”
1050 H	A	3	Analog input, linearize 18th point output value	4	R/W	※Refer to “Pattern 1”
1052 H	A	3	Analog input, linearize 19th point input value	4	R/W	※Refer to “Pattern 1”
1054 H	A	3	Analog input, linearize 19th point output value	4	R/W	※Refer to “Pattern 1”
1056 H	A	3	Analog input, linearize 20th point input value	4	R/W	※Refer to “Pattern 1”
1058 H	A	3	Analog input, linearize 20th point output value	4	R/W	※Refer to “Pattern 1”
105A H	A	3	Analog input, linearize 21st point input value	4	R/W	※Refer to “Pattern 1”
105C H	A	3	Analog input, linearize 21st point output value	4	R/W	※Refer to “Pattern 1”
105E H ～ 1067 H	～	～	Reserve	～	～	
1068 H	A	4	Analog input, input range	2	R/W	※Refer to “Pattern 1”
1069 H	A	4	Analog input, sensor power supply	2	R/W	※Refer to “Pattern 1”
106A H	A	4	Analog input, Low cut% value	4	R/W	※Refer to “Pattern 1”
106C H	A	4	Analog input, simple average	2	R/W	※Refer to “Pattern 1”
106D H	A	4	Analog input, moving average	2	R/W	※Refer to “Pattern 1”
106E H	A	4	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
1070 H	A	4	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	※Refer to “Pattern 1”
1071 H	A	4	Analog input, Instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
1072 H	A	4	Analog input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
1073 H	A	4	Analog input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1074 H	A	4	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
1075 H	A	4	Analog input, instantaneous value display	2	R/W	※Refer to “Pattern 1”

			Custom unit 3rd character			
1076 H	A	4	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
1077 H	A	4	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
1078 H	A	4	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
1079 H	A	4	Analog input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
107A H	A	4	Analog input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
107C H	A	4	Analog input, exponent part of totalized value display coefficient	2	R/W	※Refer to “Pattern 1”
107D H	A	4	Analog input, time unit of totalized unit time.	2	R/W	※Refer to “Pattern 1”
107E H	A	4	Analog input, mantissa part of integration initial value	4	R/W	※Refer to “Pattern 1”
1080 H	A	4	Analog input, exponent part of integration initial value	2	R/W	※Refer to “Pattern 1”
1081 H	A	4	Analog input, total calculation direction	2	R/W	※Refer to “Pattern 1”
1082 H	A	4	Analog input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
1083 H	A	4	Analog input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
1084 H	A	4	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1085 H	A	4	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
1086 H	A	4	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
1087 H	A	4	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
1088 H	A	4	Analog input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
1089 H	A	4	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
108A H	A	4	Analog input, totalized over operation	2	R/W	※Refer to “Pattern 1”
108B H	A	4	Analog input, linearize function	2	R/W	※Refer to “Pattern 1”
108C H	A	4	Analog input, linearize 1st point input value	4	R/W	※Refer to “Pattern 1”
108E H	A	4	Analog input, linearize 1st point output value	4	R/W	※Refer to “Pattern 1”
1090 H	A	4	Analog input, linearize 2nd point input value	4	R/W	※Refer to “Pattern 1”
1092 H	A	4	Analog input, linearize 2nd point output value	4	R/W	※Refer to “Pattern 1”
1094 H	A	4	Analog input, linearize 3rd point input value	4	R/W	※Refer to “Pattern 1”
1096 H	A	4	Analog input, linearize 3rd point output value	4	R/W	※Refer to “Pattern 1”
1098 H	A	4	Analog input, linearize 4th point input value	4	R/W	※Refer to “Pattern 1”
109A H	A	4	Analog input, linearize 4th point output value	4	R/W	※Refer to “Pattern 1”
109C H	A	4	Analog input, linearize 5th point input value	4	R/W	※Refer to “Pattern 1”
109E H	A	4	Analog input, linearize 5th point output value	4	R/W	※Refer to “Pattern 1”
10A0 H	A	4	Analog input, linearize 6th point input value	4	R/W	※Refer to “Pattern 1”
10A2 H	A	4	Analog input, linearize 6th point output value	4	R/W	※Refer to “Pattern 1”
10A4 H	A	4	Analog input, linearize 7th point input value	4	R/W	※Refer to “Pattern 1”
10A6 H	A	4	Analog input, linearize 7th point output value	4	R/W	※Refer to “Pattern 1”
10A8 H	A	4	Analog input, linearize 8th point input value	4	R/W	※Refer to “Pattern 1”
10AA H	A	4	Analog input, linearize 8th point output value	4	R/W	※Refer to “Pattern 1”
10AC H	A	4	Analog input, linearize 9th point input value	4	R/W	※Refer to “Pattern 1”
10AE H	A	4	Analog input, linearize 9th point output value	4	R/W	※Refer to “Pattern 1”
10B0 H	A	4	Analog input, linearize 10th point input value	4	R/W	※Refer to “Pattern 1”
10B2 H	A	4	Analog input, linearize 10th point output value	4	R/W	※Refer to “Pattern 1”
10B4 H	A	4	Analog input, linearize 11th point input value	4	R/W	※Refer to “Pattern 1”

10B6 H	A	4	Analog input, linearize 11th point output value	4	R/W	※Refer to “Pattern 1”
10B8 H	A	4	Analog input, linearize 12th point input value	4	R/W	※Refer to “Pattern 1”
10BA H	A	4	Analog input, linearize 12th point output value	4	R/W	※Refer to “Pattern 1”
10BC H	A	4	Analog input, linearize 13th point input value	4	R/W	※Refer to “Pattern 1”
10BE H	A	4	Analog input, linearize 13th point output value	4	R/W	※Refer to “Pattern 1”
10C0 H	A	4	Analog input, linearize 14th point input value	4	R/W	※Refer to “Pattern 1”
10C2 H	A	4	Analog input, linearize 14th point output value	4	R/W	※Refer to “Pattern 1”
10C4 H	A	4	Analog input, linearize 15th point input value	4	R/W	※Refer to “Pattern 1”
10C6 H	A	4	Analog input, linearize 15th point output value	4	R/W	※Refer to “Pattern 1”
10C8 H	A	4	Analog input, linearize 16th point input value	4	R/W	※Refer to “Pattern 1”
10CA H	A	4	Analog input, linearize 16th point output value	4	R/W	※Refer to “Pattern 1”
10CC H	A	4	Analog input, linearize 17th point input value	4	R/W	※Refer to “Pattern 1”
10CE H	A	4	Analog input, linearize 17th point output value	4	R/W	※Refer to “Pattern 1”
10D0 H	A	4	Analog input, linearize 18th point input value	4	R/W	※Refer to “Pattern 1”
10D2 H	A	4	Analog input, linearize 18th point output value	4	R/W	※Refer to “Pattern 1”
10D4 H	A	4	Analog input, linearize 19th point input value	4	R/W	※Refer to “Pattern 1”
10D6 H	A	4	Analog input, linearize 19th point output value	4	R/W	※Refer to “Pattern 1”
10D8 H	A	4	Analog input, linearize 20th point input value	4	R/W	※Refer to “Pattern 1”
10DA H	A	4	Analog input, linearize 20th point output value	4	R/W	※Refer to “Pattern 1”
10DC H	A	4	Analog input, linearize 21st point input value	4	R/W	※Refer to “Pattern 1”
10DE H	A	4	Analog input, linearize 21st point output value	4	R/W	※Refer to “Pattern 1”
10E0 H ～ 10E9H	～	～	Reserve	～	～	
10EA H	A	5	Analog input, input range	2	R/W	※Refer to “Pattern 1”
10EB H	A	5	Analog input, sensor power supply	2	R/W	※Refer to “Pattern 1”
10EC H	A	5	Analog input, Low cut% value	4	R/W	※Refer to “Pattern 1”
10EE H	A	5	Analog input, simple average	2	R/W	※Refer to “Pattern 1”
10EF H	A	5	Analog input, moving average	2	R/W	※Refer to “Pattern 1”
10F0 H	A	5	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
10F2 H	A	5	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	※Refer to “Pattern 1”
10F3 H	A	5	Analog input, Instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
10F4 H	A	5	Analog input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
10F5 H	A	5	Analog input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
10F6 H	A	5	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
10F7 H	A	5	Analog input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
10F8 H	A	5	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
10F9 H	A	5	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
10FA H	A	5	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
10FB H	A	5	Analog input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
10FC H	A	5	Analog input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
10FE H	A	5	Analog input, exponent part of totalized value display coefficient	2	R/W	※Refer to “Pattern 1”
10FF H	A	5	Analog input, time unit of totalized unit time.	2	R/W	※Refer to “Pattern 1”

1100 H	A	5	Analog input, mantissa part of integration initial value	4	R/W	※Refer to “Pattern 1”
1102 H	A	5	Analog input, exponent part of integration initial value	2	R/W	※Refer to “Pattern 1”
1103 H	A	5	Analog input, total calculation direction	2	R/W	※Refer to “Pattern 1”
1104 H	A	5	Analog input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
1105 H	A	5	Analog input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
1106 H	A	5	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1107 H	A	5	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
1108 H	A	5	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
1109 H	A	5	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
110A H	A	5	Analog input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
110B H	A	5	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
110C H	A	5	Analog input, totalized over operation	2	R/W	※Refer to “Pattern 1”
110D H	A	5	Analog input, linearize function	2	R/W	※Refer to “Pattern 1”
110E H	A	5	Analog input, linearize 1st point input value	4	R/W	※Refer to “Pattern 1”
1110 H	A	5	Analog input, linearize 1st point output value	4	R/W	※Refer to “Pattern 1”
1112 H	A	5	Analog input, linearize 2nd point input value	4	R/W	※Refer to “Pattern 1”
1114 H	A	5	Analog input, linearize 2nd point output value	4	R/W	※Refer to “Pattern 1”
1116 H	A	5	Analog input, linearize 3rd point input value	4	R/W	※Refer to “Pattern 1”
1118 H	A	5	Analog input, linearize 3rd point output value	4	R/W	※Refer to “Pattern 1”
111A H	A	5	Analog input, linearize 4th point input value	4	R/W	※Refer to “Pattern 1”
111C H	A	5	Analog input, linearize 4th point output value	4	R/W	※Refer to “Pattern 1”
111E H	A	5	Analog input, linearize 5th point input value	4	R/W	※Refer to “Pattern 1”
1120 H	A	5	Analog input, linearize 5th point output value	4	R/W	※Refer to “Pattern 1”
1122 H	A	5	Analog input, linearize 6th point input value	4	R/W	※Refer to “Pattern 1”
1124 H	A	5	Analog input, linearize 6th point output value	4	R/W	※Refer to “Pattern 1”
1126 H	A	5	Analog input, linearize 7th point input value	4	R/W	※Refer to “Pattern 1”
1128 H	A	5	Analog input, linearize 7th point output value	4	R/W	※Refer to “Pattern 1”
112A H	A	5	Analog input, linearize 8th point input value	4	R/W	※Refer to “Pattern 1”
112C H	A	5	Analog input, linearize 8th point output value	4	R/W	※Refer to “Pattern 1”
112E H	A	5	Analog input, linearize 9th point input value	4	R/W	※Refer to “Pattern 1”
1130 H	A	5	Analog input, linearize 9th point output value	4	R/W	※Refer to “Pattern 1”
1132 H	A	5	Analog input, linearize 10th point input value	4	R/W	※Refer to “Pattern 1”
1134 H	A	5	Analog input, linearize 10th point output value	4	R/W	※Refer to “Pattern 1”
1136 H	A	5	Analog input, linearize 11th point input value	4	R/W	※Refer to “Pattern 1”
1138 H	A	5	Analog input, linearize 11th point output value	4	R/W	※Refer to “Pattern 1”
113A H	A	5	Analog input, linearize 12th point input value	4	R/W	※Refer to “Pattern 1”
113C H	A	5	Analog input, linearize 12th point output value	4	R/W	※Refer to “Pattern 1”
113E H	A	5	Analog input, linearize 13th point input value	4	R/W	※Refer to “Pattern 1”
1140 H	A	5	Analog input, linearize 13th point output value	4	R/W	※Refer to “Pattern 1”
1142 H	A	5	Analog input, linearize 14th point input value	4	R/W	※Refer to “Pattern 1”
1144 H	A	5	Analog input, linearize 14th point output value	4	R/W	※Refer to “Pattern 1”
1146 H	A	5	Analog input, linearize 15th point input value	4	R/W	※Refer to “Pattern 1”
1148 H	A	5	Analog input, linearize 15th point output value	4	R/W	※Refer to “Pattern 1”

114A H	A	5	Analog input, linearize 16th point input value	4	R/W	※Refer to “Pattern 1”
114C H	A	5	Analog input, linearize 16th point output value	4	R/W	※Refer to “Pattern 1”
114E H	A	5	Analog input, linearize 17th point input value	4	R/W	※Refer to “Pattern 1”
1150 H	A	5	Analog input, linearize 17th point output value	4	R/W	※Refer to “Pattern 1”
1152 H	A	5	Analog input, linearize 18th point input value	4	R/W	※Refer to “Pattern 1”
1154 H	A	5	Analog input, linearize 18th point output value	4	R/W	※Refer to “Pattern 1”
1156 H	A	5	Analog input, linearize 19th point input value	4	R/W	※Refer to “Pattern 1”
1158 H	A	5	Analog input, linearize 19th point output value	4	R/W	※Refer to “Pattern 1”
115A H	A	5	Analog input, linearize 20th point input value	4	R/W	※Refer to “Pattern 1”
115C H	A	5	Analog input, linearize 20th point output value	4	R/W	※Refer to “Pattern 1”
115E H	A	5	Analog input, linearize 21st point input value	4	R/W	※Refer to “Pattern 1”
1160 H	A	5	Analog input, linearize 21st point output value	4	R/W	※Refer to “Pattern 1”
1162 H ～ 116BH	～	～	Reserve	～	～	
116C H	A	6	Analog input, input range	2	R/W	※Refer to “Pattern 1”
116D H	A	6	Analog input, sensor power supply	2	R/W	※Refer to “Pattern 1”
116E H	A	6	Analog input, Low cut% value	4	R/W	※Refer to “Pattern 1”
1170 H	A	6	Analog input, simple average	2	R/W	※Refer to “Pattern 1”
1171 H	A	6	Analog input, moving average	2	R/W	※Refer to “Pattern 1”
1172 H	A	6	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
1174 H	A	6	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	※Refer to “Pattern 1”
1175 H	A	6	Analog input, Instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
1176 H	A	6	Analog input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
1177 H	A	6	Analog input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1178 H	A	6	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
1179 H	A	6	Analog input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
117A H	A	6	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
117B H	A	6	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
117C H	A	6	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
117D H	A	6	Analog input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
117E H	A	6	Analog input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
1180 H	A	6	Analog input, exponent part of totalized value display coefficient	2	R/W	※Refer to “Pattern 1”
1181 H	A	6	Analog input, time unit of totalized unit time.	2	R/W	※Refer to “Pattern 1”
1182 H	A	6	Analog input, mantissa part of integration initial value	4	R/W	※Refer to “Pattern 1”
1184 H	A	6	Analog input, exponent part of integration initial value	2	R/W	※Refer to “Pattern 1”
1185 H	A	6	Analog input, total calculation direction	2	R/W	※Refer to “Pattern 1”
1186 H	A	6	Analog input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
1187 H	A	6	Analog input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
1188 H	A	6	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1189 H	A	6	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
118A H	A	6	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”

118B H	A	6	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
118C H	A	6	Analog input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
118D H	A	6	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
118E H	A	6	Analog input, totalized over operation	2	R/W	※Refer to “Pattern 1”
118F H	A	6	Analog input, linearize function	2	R/W	※Refer to “Pattern 1”
1190 H	A	6	Analog input, linearize 1st point input value	4	R/W	※Refer to “Pattern 1”
1192 H	A	6	Analog input, linearize 1st point output value	4	R/W	※Refer to “Pattern 1”
1194 H	A	6	Analog input, linearize 2nd point input value	4	R/W	※Refer to “Pattern 1”
1196 H	A	6	Analog input, linearize 2nd point output value	4	R/W	※Refer to “Pattern 1”
1198 H	A	6	Analog input, linearize 3rd point input value	4	R/W	※Refer to “Pattern 1”
119A H	A	6	Analog input, linearize 3rd point output value	4	R/W	※Refer to “Pattern 1”
119C H	A	6	Analog input, linearize 4th point input value	4	R/W	※Refer to “Pattern 1”
119E H	A	6	Analog input, linearize 4th point output value	4	R/W	※Refer to “Pattern 1”
11A0 H	A	6	Analog input, linearize 5th point input value	4	R/W	※Refer to “Pattern 1”
11A2 H	A	6	Analog input, linearize 5th point output value	4	R/W	※Refer to “Pattern 1”
11A4 H	A	6	Analog input, linearize 6th point input value	4	R/W	※Refer to “Pattern 1”
11A6 H	A	6	Analog input, linearize 6th point output value	4	R/W	※Refer to “Pattern 1”
11A8 H	A	6	Analog input, linearize 7th point input value	4	R/W	※Refer to “Pattern 1”
11AA H	A	6	Analog input, linearize 7th point output value	4	R/W	※Refer to “Pattern 1”
11AC H	A	6	Analog input, linearize 8th point input value	4	R/W	※Refer to “Pattern 1”
11AE H	A	6	Analog input, linearize 8th point output value	4	R/W	※Refer to “Pattern 1”
11B0 H	A	6	Analog input, linearize 9th point input value	4	R/W	※Refer to “Pattern 1”
11B2 H	A	6	Analog input, linearize 9th point output value	4	R/W	※Refer to “Pattern 1”
11B4 H	A	6	Analog input, linearize 10th point input value	4	R/W	※Refer to “Pattern 1”
11B6 H	A	6	Analog input, linearize 10th point output value	4	R/W	※Refer to “Pattern 1”
11B8 H	A	6	Analog input, linearize 11th point input value	4	R/W	※Refer to “Pattern 1”
11BA H	A	6	Analog input, linearize 11th point output value	4	R/W	※Refer to “Pattern 1”
11BC H	A	6	Analog input, linearize 12th point input value	4	R/W	※Refer to “Pattern 1”
11BE H	A	6	Analog input, linearize 12th point output value	4	R/W	※Refer to “Pattern 1”
11C0 H	A	6	Analog input, linearize 13th point input value	4	R/W	※Refer to “Pattern 1”
11C2 H	A	6	Analog input, linearize 13th point output value	4	R/W	※Refer to “Pattern 1”
11C4 H	A	6	Analog input, linearize 14th point input value	4	R/W	※Refer to “Pattern 1”
11C6 H	A	6	Analog input, linearize 14th point output value	4	R/W	※Refer to “Pattern 1”
11C8 H	A	6	Analog input, linearize 15th point input value	4	R/W	※Refer to “Pattern 1”
11CA H	A	6	Analog input, linearize 15th point output value	4	R/W	※Refer to “Pattern 1”
11CC H	A	6	Analog input, linearize 16th point input value	4	R/W	※Refer to “Pattern 1”
11CE H	A	6	Analog input, linearize 16th point output value	4	R/W	※Refer to “Pattern 1”
11D0 H	A	6	Analog input, linearize 17th point input value	4	R/W	※Refer to “Pattern 1”
11D2 H	A	6	Analog input, linearize 17th point output value	4	R/W	※Refer to “Pattern 1”
11D4 H	A	6	Analog input, linearize 18th point input value	4	R/W	※Refer to “Pattern 1”
11D6 H	A	6	Analog input, linearize 18th point output value	4	R/W	※Refer to “Pattern 1”
11D8 H	A	6	Analog input, linearize 19th point input value	4	R/W	※Refer to “Pattern 1”
11DA H	A	6	Analog input, linearize 19th point output value	4	R/W	※Refer to “Pattern 1”
11DC H	A	6	Analog input, linearize 20th point input value	4	R/W	※Refer to “Pattern 1”
11DE H	A	6	Analog input, linearize 20th point output	4	R/W	※Refer to “Pattern 1”

			value			
11E0 H	A	6	Analog input, linearize 21st point input value	4	R/W	※Refer to “Pattern 1”
11E2 H	A	6	Analog input, linearize 21st point output value	4	R/W	※Refer to “Pattern 1”
11E4 H ～ 11EDH	～	～	Reserve	～	～	
11EE H	A	7	Analog input, input range	2	R/W	※Refer to “Pattern 1”
11EF H	A	7	Analog input, sensor power supply	2	R/W	※Refer to “Pattern 1”
11F0 H	A	7	Analog input, Low cut% value	4	R/W	※Refer to “Pattern 1”
11F2 H	A	7	Analog input, simple average	2	R/W	※Refer to “Pattern 1”
11F3 H	A	7	Analog input, moving average	2	R/W	※Refer to “Pattern 1”
11F4 H	A	7	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
11F6 H	A	7	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	※Refer to “Pattern 1”
11F7 H	A	7	Analog input, Instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
11F8 H	A	7	Analog input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
11F9 H	A	7	Analog input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
11FA H	A	7	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
11FB H	A	7	Analog input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
11FC H	A	7	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
11FD H	A	7	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
11FE H	A	7	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
11FF H	A	7	Analog input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
1200 H	A	7	Analog input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
1202 H	A	7	Analog input, exponent part of totalized value display coefficient	2	R/W	※Refer to “Pattern 1”
1203 H	A	7	Analog input, time unit of totalized unit time.	2	R/W	※Refer to “Pattern 1”
1204 H	A	7	Analog input, mantissa part of integration initial value	4	R/W	※Refer to “Pattern 1”
1206 H	A	7	Analog input, exponent part of integration initial value	2	R/W	※Refer to “Pattern 1”
1207 H	A	7	Analog input, total calculation direction	2	R/W	※Refer to “Pattern 1”
1208 H	A	7	Analog input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
1209 H	A	7	Analog input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
120A H	A	7	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
120B H	A	7	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
120C H	A	7	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
120D H	A	7	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
120E H	A	7	Analog input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
120F H	A	7	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
1210 H	A	7	Analog input, totalized over operation	2	R/W	※Refer to “Pattern 1”
1211 H	A	7	Analog input, linearize function	2	R/W	※Refer to “Pattern 1”
1212 H	A	7	Analog input, linearize 1st point input value	4	R/W	※Refer to “Pattern 1”
1214 H	A	7	Analog input, linearize 1st point output value	4	R/W	※Refer to “Pattern 1”
1216 H	A	7	Analog input, linearize 2nd point input value	4	R/W	※Refer to “Pattern 1”
1218 H	A	7	Analog input, linearize 2nd point output value	4	R/W	※Refer to “Pattern 1”

121A H	A	7	Analog input, linearize 3rd point input value	4	R/W	※Refer to “Pattern 1”
121C H	A	7	Analog input, linearize 3rd point output value	4	R/W	※Refer to “Pattern 1”
121E H	A	7	Analog input, linearize 4th point input value	4	R/W	※Refer to “Pattern 1”
1220 H	A	7	Analog input, linearize 4th point output value	4	R/W	※Refer to “Pattern 1”
1222 H	A	7	Analog input, linearize 5th point input value	4	R/W	※Refer to “Pattern 1”
1224 H	A	7	Analog input, linearize 5th point output value	4	R/W	※Refer to “Pattern 1”
1226 H	A	7	Analog input, linearize 6th point input value	4	R/W	※Refer to “Pattern 1”
1228 H	A	7	Analog input, linearize 6th point output value	4	R/W	※Refer to “Pattern 1”
122A H	A	7	Analog input, linearize 7th point input value	4	R/W	※Refer to “Pattern 1”
122C H	A	7	Analog input, linearize 7th point output value	4	R/W	※Refer to “Pattern 1”
122E H	A	7	Analog input, linearize 8th point input value	4	R/W	※Refer to “Pattern 1”
1230 H	A	7	Analog input, linearize 8th point output value	4	R/W	※Refer to “Pattern 1”
1232 H	A	7	Analog input, linearize 9th point input value	4	R/W	※Refer to “Pattern 1”
1234 H	A	7	Analog input, linearize 9th point output value	4	R/W	※Refer to “Pattern 1”
1236 H	A	7	Analog input, linearize 10th point input value	4	R/W	※Refer to “Pattern 1”
1238 H	A	7	Analog input, linearize 10th point output value	4	R/W	※Refer to “Pattern 1”
123A H	A	7	Analog input, linearize 11th point input value	4	R/W	※Refer to “Pattern 1”
123C H	A	7	Analog input, linearize 11th point output value	4	R/W	※Refer to “Pattern 1”
123E H	A	7	Analog input, linearize 12th point input value	4	R/W	※Refer to “Pattern 1”
1240 H	A	7	Analog input, linearize 12th point output value	4	R/W	※Refer to “Pattern 1”
1242 H	A	7	Analog input, linearize 13th point input value	4	R/W	※Refer to “Pattern 1”
1244 H	A	7	Analog input, linearize 13th point output value	4	R/W	※Refer to “Pattern 1”
1246 H	A	7	Analog input, linearize 14th point input value	4	R/W	※Refer to “Pattern 1”
1248 H	A	7	Analog input, linearize 14th point output value	4	R/W	※Refer to “Pattern 1”
124A H	A	7	Analog input, linearize 15th point input value	4	R/W	※Refer to “Pattern 1”
124C H	A	7	Analog input, linearize 15th point output value	4	R/W	※Refer to “Pattern 1”
124E H	A	7	Analog input, linearize 16th point input value	4	R/W	※Refer to “Pattern 1”
1250 H	A	7	Analog input, linearize 16th point output value	4	R/W	※Refer to “Pattern 1”
1252 H	A	7	Analog input, linearize 17th point input value	4	R/W	※Refer to “Pattern 1”
1254 H	A	7	Analog input, linearize 17th point output value	4	R/W	※Refer to “Pattern 1”
1256 H	A	7	Analog input, linearize 18th point input value	4	R/W	※Refer to “Pattern 1”
1258 H	A	7	Analog input, linearize 18th point output value	4	R/W	※Refer to “Pattern 1”
125A H	A	7	Analog input, linearize 19th point input value	4	R/W	※Refer to “Pattern 1”
125C H	A	7	Analog input, linearize 19th point output value	4	R/W	※Refer to “Pattern 1”
125E H	A	7	Analog input, linearize 20th point input value	4	R/W	※Refer to “Pattern 1”
1260 H	A	7	Analog input, linearize 20th point output value	4	R/W	※Refer to “Pattern 1”
1262 H	A	7	Analog input, linearize 21st point input value	4	R/W	※Refer to “Pattern 1”
1264 H	A	7	Analog input, linearize 21st point output value	4	R/W	※Refer to “Pattern 1”
1266 H ～ 126FH	～	～	Reserve	～	～	
1270 H	A	8	Analog input, input range	2	R/W	※Refer to “Pattern 1”
1271 H	A	8	Analog input, sensor power supply	2	R/W	※Refer to “Pattern 1”
1272 H	A	8	Analog input, Low cut% value	4	R/W	※Refer to “Pattern 1”
1274 H	A	8	Analog input, simple average	2	R/W	※Refer to “Pattern 1”
1275 H	A	8	Analog input, moving average	2	R/W	※Refer to “Pattern 1”
1276 H	A	8	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”

1278 H	A	8	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	※Refer to “Pattern 1”
1279 H	A	8	Analog input, Instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
127A H	A	8	Analog input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
127B H	A	8	Analog input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
127C H	A	8	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
127D H	A	8	Analog input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
127E H	A	8	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
127F H	A	8	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
1280 H	A	8	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
1281 H	A	8	Analog input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
1282 H	A	8	Analog input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
1284 H	A	8	Analog input, exponent part of totalized value display coefficient	2	R/W	※Refer to “Pattern 1”
1285 H	A	8	Analog input, time unit of totalized unit time.	2	R/W	※Refer to “Pattern 1”
1286 H	A	8	Analog input, mantissa part of integration initial value	4	R/W	※Refer to “Pattern 1”
1288 H	A	8	Analog input, exponent part of integration initial value	2	R/W	※Refer to “Pattern 1”
1289 H	A	8	Analog input, total calculation direction	2	R/W	※Refer to “Pattern 1”
128A H	A	8	Analog input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
128B H	A	8	Analog input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
128C H	A	8	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
128D H	A	8	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
128E H	A	8	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
128F H	A	8	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
1290 H	A	8	Analog input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
1291 H	A	8	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
1292 H	A	8	Analog input, totalized over operation	2	R/W	※Refer to “Pattern 1”
1293 H	A	8	Analog input, linearize function	2	R/W	※Refer to “Pattern 1”
1294 H	A	8	Analog input, linearize 1st point input value	4	R/W	※Refer to “Pattern 1”
1296 H	A	8	Analog input, linearize 1st point output value	4	R/W	※Refer to “Pattern 1”
1298 H	A	8	Analog input, linearize 2nd point input value	4	R/W	※Refer to “Pattern 1”
129A H	A	8	Analog input, linearize 2nd point output value	4	R/W	※Refer to “Pattern 1”
129C H	A	8	Analog input, linearize 3rd point input value	4	R/W	※Refer to “Pattern 1”
129E H	A	8	Analog input, linearize 3rd point output value	4	R/W	※Refer to “Pattern 1”
12A0 H	A	8	Analog input, linearize 4th point input value	4	R/W	※Refer to “Pattern 1”
12A2 H	A	8	Analog input, linearize 4th point output value	4	R/W	※Refer to “Pattern 1”
12A4 H	A	8	Analog input, linearize 5th point input value	4	R/W	※Refer to “Pattern 1”
12A6 H	A	8	Analog input, linearize 5th point output value	4	R/W	※Refer to “Pattern 1”
12A8 H	A	8	Analog input, linearize 6th point input value	4	R/W	※Refer to “Pattern 1”
12AA H	A	8	Analog input, linearize 6th point output value	4	R/W	※Refer to “Pattern 1”
12AC H	A	8	Analog input, linearize 7th point input value	4	R/W	※Refer to “Pattern 1”
12AE H	A	8	Analog input, linearize 7th point output value	4	R/W	※Refer to “Pattern 1”

12B0 H	A	8	Analog input, linearize 8th point input value	4	R/W	※Refer to “Pattern 1”
12B2 H	A	8	Analog input, linearize 8th point output value	4	R/W	※Refer to “Pattern 1”
12B4 H	A	8	Analog input, linearize 9th point input value	4	R/W	※Refer to “Pattern 1”
12B6 H	A	8	Analog input, linearize 9th point output value	4	R/W	※Refer to “Pattern 1”
12B8 H	A	8	Analog input, linearize 10th point input value	4	R/W	※Refer to “Pattern 1”
12BA H	A	8	Analog input, linearize 10th point output value	4	R/W	※Refer to “Pattern 1”
12BC H	A	8	Analog input, linearize 11th point input value	4	R/W	※Refer to “Pattern 1”
12BE H	A	8	Analog input, linearize 11th point output value	4	R/W	※Refer to “Pattern 1”
12C0 H	A	8	Analog input, linearize 12th point input value	4	R/W	※Refer to “Pattern 1”
12C2 H	A	8	Analog input, linearize 12th point output value	4	R/W	※Refer to “Pattern 1”
12C4 H	A	8	Analog input, linearize 13th point input value	4	R/W	※Refer to “Pattern 1”
12C6 H	A	8	Analog input, linearize 13th point output value	4	R/W	※Refer to “Pattern 1”
12C8 H	A	8	Analog input, linearize 14th point input value	4	R/W	※Refer to “Pattern 1”
12CA H	A	8	Analog input, linearize 14th point output value	4	R/W	※Refer to “Pattern 1”
12CC H	A	8	Analog input, linearize 15th point input value	4	R/W	※Refer to “Pattern 1”
12CE H	A	8	Analog input, linearize 15th point output value	4	R/W	※Refer to “Pattern 1”
12D0 H	A	8	Analog input, linearize 16th point input value	4	R/W	※Refer to “Pattern 1”
12D2 H	A	8	Analog input, linearize 16th point output value	4	R/W	※Refer to “Pattern 1”
12D4 H	A	8	Analog input, linearize 17th point input value	4	R/W	※Refer to “Pattern 1”
12D6 H	A	8	Analog input, linearize 17th point output value	4	R/W	※Refer to “Pattern 1”
12D8 H	A	8	Analog input, linearize 18th point input value	4	R/W	※Refer to “Pattern 1”
12DA H	A	8	Analog input, linearize 18th point output value	4	R/W	※Refer to “Pattern 1”
12DC H	A	8	Analog input, linearize 19th point input value	4	R/W	※Refer to “Pattern 1”
12DE H	A	8	Analog input, linearize 19th point output value	4	R/W	※Refer to “Pattern 1”
12E0 H	A	8	Analog input, linearize 20th point input value	4	R/W	※Refer to “Pattern 1”
12E2 H	A	8	Analog input, linearize 20th point output value	4	R/W	※Refer to “Pattern 1”
12E4 H	A	8	Analog input, linearize 21st point input value	4	R/W	※Refer to “Pattern 1”
12E6 H	A	8	Analog input, linearize 21st point output value	4	R/W	※Refer to “Pattern 1”
12E8 H ～ 12F1H	～	～	Reserve	～	～	

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12F2 H	B	1	Analog input, input range	2	R/W	※Refer to “Analog input pattern 1”
12F3 H	B	1	Analog input, sensor power supply	2	R/W	※Refer to “Analog input pattern 1”
12F4 H	B	1	Analog input, Low cut% value	4	R/W	※Refer to “Analog input pattern 1”
12F6 H	B	1	Analog input, simple average	2	R/W	※Refer to “Analog input pattern 1”
12F7 H	B	1	Analog input, moving average	2	R/W	※Refer to “Analog input pattern 1”
12F8 H	B	1	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Analog input pattern 1”
12FA H	B	1	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	※Refer to “Analog input pattern 1”
12FB H	B	1	Analog input, Instantaneous value Decimal point position	2	R/W	※Refer to “Analog input pattern 1”
12FC H	B	1	Analog input, instantaneous value display unit	2	R/W	※Refer to “Analog input pattern 1”
12FD H	B	1	Analog input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Analog input pattern 1”
12FE H	B	1	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Analog input pattern 1”
12FF H	B	1	Analog input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Analog input pattern 1”
1300 H	B	1	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Analog input pattern 1”

1301 H	B	1	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Analog input pattern 1”
1302 H	B	1	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Analog input pattern 1”
1303 H	B	1	Analog input, instantaneous value display step	2	R/W	※Refer to “Analog input pattern 1”
1304 H	B	1	Analog input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Analog input pattern 1”
1306 H	B	1	Analog input, exponent part of totalized value display coefficient	2	R/W	※Refer to “Analog input pattern 1”
1307 H	B	1	Analog input, time unit of totalized unit time.	2	R/W	※Refer to “Analog input pattern 1”
1308 H	B	1	Analog input, mantissa part of integration initial value	4	R/W	※Refer to “Analog input pattern 1”
130A H	B	1	Analog input, exponent part of integration initial value	2	R/W	※Refer to “Analog input pattern 1”
130B H	B	1	Analog input, total calculation direction	2	R/W	※Refer to “Analog input pattern 1”
130C H	B	1	Analog input, totalized value Decimal point position	2	R/W	※Refer to “Analog input pattern 1”
130D H	B	1	Analog input, totalized value display unit	2	R/W	※Refer to “Analog input pattern 1”
130E H	B	1	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Analog input pattern 1”
130F H	B	1	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Analog input pattern 1”
1310 H	B	1	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Analog input pattern 1”
1311 H	B	1	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Analog input pattern 1”
1312 H	B	1	Analog input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Analog input pattern 1”
1313 H	B	1	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Analog input pattern 1”
1314 H	B	1	Analog input, totalized over operation	2	R/W	※Refer to “Analog input pattern 1”
1315 H	B	1	Analog input, linearize function	2	R/W	※Refer to “Analog input pattern 1”
1316 H	B	1	Analog input, linearize 1st point input value	4	R/W	※Refer to “Analog input pattern 1”
1318 H	B	1	Analog input, linearize 1st point output value	4	R/W	※Refer to “Analog input pattern 1”
131A H	B	1	Analog input, linearize 2nd point input value	4	R/W	※Refer to “Analog input pattern 1”
131C H	B	1	Analog input, linearize 2nd point output value	4	R/W	※Refer to “Analog input pattern 1”
131E H	B	1	Analog input, linearize 3rd point input value	4	R/W	※Refer to “Analog input pattern 1”
1320 H	B	1	Analog input, linearize 3rd point output value	4	R/W	※Refer to “Analog input pattern 1”
1322 H	B	1	Analog input, linearize 4th point input value	4	R/W	※Refer to “Analog input pattern 1”
1324 H	B	1	Analog input, linearize 4th point output value	4	R/W	※Refer to “Analog input pattern 1”
1326 H	B	1	Analog input, linearize 5th point input value	4	R/W	※Refer to “Analog input pattern 1”
1328 H	B	1	Analog input, linearize 5th point output value	4	R/W	※Refer to “Analog input pattern 1”
132A H	B	1	Analog input, linearize 6th point input value	4	R/W	※Refer to “Analog input pattern 1”
132C H	B	1	Analog input, linearize 6th point output value	4	R/W	※Refer to “Analog input pattern 1”
132E H	B	1	Analog input, linearize 7th point input value	4	R/W	※Refer to “Analog input pattern 1”
1330 H	B	1	Analog input, linearize 7th point output value	4	R/W	※Refer to “Analog input pattern 1”
1332 H	B	1	Analog input, linearize 8th point input value	4	R/W	※Refer to “Analog input pattern 1”
1334 H	B	1	Analog input, linearize 8th point output value	4	R/W	※Refer to “Analog input pattern 1”
1336 H	B	1	Analog input, linearize 9th point input value	4	R/W	※Refer to “Analog input pattern 1”
1338 H	B	1	Analog input, linearize 9th point output value	4	R/W	※Refer to “Analog input pattern 1”
133A H	B	1	Analog input, linearize 10th point input value	4	R/W	※Refer to “Analog input pattern 1”
133C H	B	1	Analog input, linearize 10th point output value	4	R/W	※Refer to “Analog input pattern 1”
133E H	B	1	Analog input, linearize 11th point input value	4	R/W	※Refer to “Analog input pattern 1”
1340 H	B	1	Analog input, linearize 11th point output value	4	R/W	※Refer to “Analog input pattern 1”
1342 H	B	1	Analog input, linearize 12th point input value	4	R/W	※Refer to “Analog input pattern 1”

1344 H	B	1	Analog input, linearize 12th point output value	4	R/W	※Refer to “Analog input pattern 1”
1346 H	B	1	Analog input, linearize 13th point input value	4	R/W	※Refer to “Analog input pattern 1”
1348 H	B	1	Analog input, linearize 13th point output value	4	R/W	※Refer to “Analog input pattern 1”
134A H	B	1	Analog input, linearize 14th point input value	4	R/W	※Refer to “Analog input pattern 1”
134C H	B	1	Analog input, linearize 14th point output value	4	R/W	※Refer to “Analog input pattern 1”
134E H	B	1	Analog input, linearize 15th point input value	4	R/W	※Refer to “Analog input pattern 1”
1350 H	B	1	Analog input, linearize 15th point output value	4	R/W	※Refer to “Analog input pattern 1”
1352 H	B	1	Analog input, linearize 16th point input value	4	R/W	※Refer to “Analog input pattern 1”
1354 H	B	1	Analog input, linearize 16th point output value	4	R/W	※Refer to “Analog input pattern 1”
1356 H	B	1	Analog input, linearize 17th point input value	4	R/W	※Refer to “Analog input pattern 1”
1358 H	B	1	Analog input, linearize 17th point output value	4	R/W	※Refer to “Analog input pattern 1”
135A H	B	1	Analog input, linearize 18th point input value	4	R/W	※Refer to “Analog input pattern 1”
135C H	B	1	Analog input, linearize 18th point output value	4	R/W	※Refer to “Analog input pattern 1”
135E H	B	1	Analog input, linearize 19th point input value	4	R/W	※Refer to “Analog input pattern 1”
1360 H	B	1	Analog input, linearize 19th point output value	4	R/W	※Refer to “Analog input pattern 1”
1362 H	B	1	Analog input, linearize 20th point input value	4	R/W	※Refer to “Analog input pattern 1”
1364 H	B	1	Analog input, linearize 20th point output value	4	R/W	※Refer to “Analog input pattern 1”
1366 H	B	1	Analog input, linearize 21st point input value	4	R/W	※Refer to “Analog input pattern 1”
1368 H	B	1	Analog input, linearize 21st point output value	4	R/W	※Refer to “Analog input pattern 1”
136A H ～ 1373H	～	～	Reserve	～	～	
1374 H	B	2	Analog input, input range	2	R/W	※Refer to “Pattern 1”
1375 H	B	2	Analog input, sensor power supply	2	R/W	※Refer to “Pattern 1”
1376 H	B	2	Analog input, Low cut% value	4	R/W	※Refer to “Pattern 1”
1378 H	B	2	Analog input, simple average	2	R/W	※Refer to “Pattern 1”
1379 H	B	2	Analog input, moving average	2	R/W	※Refer to “Pattern 1”
137A H	B	2	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
137C H	B	2	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	※Refer to “Pattern 1”
137D H	B	2	Analog input, Instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
137E H	B	2	Analog input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
137F H	B	2	Analog input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1380 H	B	2	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
1381 H	B	2	Analog input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
1382 H	B	2	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
1383 H	B	2	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
1384 H	B	2	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
1385 H	B	2	Analog input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
1386 H	B	2	Analog input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
1388 H	B	2	Analog input, exponent part of totalized value display coefficient	2	R/W	※Refer to “Pattern 1”
1389 H	B	2	Analog input, time unit of totalized unit time.	2	R/W	※Refer to “Pattern 1”
138A H	B	2	Analog input, mantissa part of integration initial value	4	R/W	※Refer to “Pattern 1”
138C H	B	2	Analog input, exponent part of integration	2	R/W	※Refer to “Pattern 1”

			initial value			
138D H	B	2	Analog input, total calculation direction	2	R/W	※Refer to “Pattern 1”
138E H	B	2	Analog input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
138F H	B	2	Analog input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
1390 H	B	2	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1391 H	B	2	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
1392 H	B	2	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
1393 H	B	2	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
1394 H	B	2	Analog input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
1395 H	B	2	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
1396 H	B	2	Analog input, totalized over operation	2	R/W	※Refer to “Pattern 1”
1397 H	B	2	Analog input, linearize function	2	R/W	※Refer to “Pattern 1”
1398 H	B	2	Analog input, linearize 1st point input value	4	R/W	※Refer to “Pattern 1”
139A H	B	2	Analog input, linearize 1st point output value	4	R/W	※Refer to “Pattern 1”
139C H	B	2	Analog input, linearize 2nd point input value	4	R/W	※Refer to “Pattern 1”
139E H	B	2	Analog input, linearize 2nd point output value	4	R/W	※Refer to “Pattern 1”
13A0 H	B	2	Analog input, linearize 3rd point input value	4	R/W	※Refer to “Pattern 1”
13A2 H	B	2	Analog input, linearize 3rd point output value	4	R/W	※Refer to “Pattern 1”
13A4 H	B	2	Analog input, linearize 4th point input value	4	R/W	※Refer to “Pattern 1”
13A6 H	B	2	Analog input, linearize 4th point output value	4	R/W	※Refer to “Pattern 1”
13A8 H	B	2	Analog input, linearize 5th point input value	4	R/W	※Refer to “Pattern 1”
13AA H	B	2	Analog input, linearize 5th point output value	4	R/W	※Refer to “Pattern 1”
13AC H	B	2	Analog input, linearize 6th point input value	4	R/W	※Refer to “Pattern 1”
13AE H	B	2	Analog input, linearize 6th point output value	4	R/W	※Refer to “Pattern 1”
13B0 H	B	2	Analog input, linearize 7th point input value	4	R/W	※Refer to “Pattern 1”
13B2 H	B	2	Analog input, linearize 7th point output value	4	R/W	※Refer to “Pattern 1”
13B4 H	B	2	Analog input, linearize 8th point input value	4	R/W	※Refer to “Pattern 1”
13B6 H	B	2	Analog input, linearize 8th point output value	4	R/W	※Refer to “Pattern 1”
13B8 H	B	2	Analog input, linearize 9th point input value	4	R/W	※Refer to “Pattern 1”
13BA H	B	2	Analog input, linearize 9th point output value	4	R/W	※Refer to “Pattern 1”
13BC H	B	2	Analog input, linearize 10th point input value	4	R/W	※Refer to “Pattern 1”
13BE H	B	2	Analog input, linearize 10th point output value	4	R/W	※Refer to “Pattern 1”
13C0 H	B	2	Analog input, linearize 11th point input value	4	R/W	※Refer to “Pattern 1”
13C2 H	B	2	Analog input, linearize 11th point output value	4	R/W	※Refer to “Pattern 1”
13C4 H	B	2	Analog input, linearize 12th point input value	4	R/W	※Refer to “Pattern 1”
13C6 H	B	2	Analog input, linearize 12th point output value	4	R/W	※Refer to “Pattern 1”
13C8 H	B	2	Analog input, linearize 13th point input value	4	R/W	※Refer to “Pattern 1”
13CA H	B	2	Analog input, linearize 13th point output value	4	R/W	※Refer to “Pattern 1”
13CC H	B	2	Analog input, linearize 14th point input value	4	R/W	※Refer to “Pattern 1”
13CE H	B	2	Analog input, linearize 14th point output value	4	R/W	※Refer to “Pattern 1”
13D0 H	B	2	Analog input, linearize 15th point input value	4	R/W	※Refer to “Pattern 1”
13D2 H	B	2	Analog input, linearize 15th point output value	4	R/W	※Refer to “Pattern 1”
13D4 H	B	2	Analog input, linearize 16th point input value	4	R/W	※Refer to “Pattern 1”
13D6 H	B	2	Analog input, linearize 16th point output value	4	R/W	※Refer to “Pattern 1”

13D8 H	B	2	Analog input, linearize 17th point input value	4	R/W	※Refer to “Pattern 1”
13DA H	B	2	Analog input, linearize 17th point output value	4	R/W	※Refer to “Pattern 1”
13DC H	B	2	Analog input, linearize 18th point input value	4	R/W	※Refer to “Pattern 1”
13DE H	B	2	Analog input, linearize 18th point output value	4	R/W	※Refer to “Pattern 1”
13E0 H	B	2	Analog input, linearize 19th point input value	4	R/W	※Refer to “Pattern 1”
13E2 H	B	2	Analog input, linearize 19th point output value	4	R/W	※Refer to “Pattern 1”
13E4 H	B	2	Analog input, linearize 20th point input value	4	R/W	※Refer to “Pattern 1”
13E6 H	B	2	Analog input, linearize 20th point output value	4	R/W	※Refer to “Pattern 1”
13E8 H	B	2	Analog input, linearize 21st point input value	4	R/W	※Refer to “Pattern 1”
13EA H	B	2	Analog input, linearize 21st point output value	4	R/W	※Refer to “Pattern 1”
13EC H ～ 13F5H	～	～	Reserve	～	～	
13F6 H	B	3	Analog input, input range	2	R/W	※Refer to “Pattern 1”
13F7 H	B	3	Analog input, sensor power supply	2	R/W	※Refer to “Pattern 1”
13F8 H	B	3	Analog input, Low cut% value	4	R/W	※Refer to “Pattern 1”
13FA H	B	3	Analog input, simple average	2	R/W	※Refer to “Pattern 1”
13FB H	B	3	Analog input, moving average	2	R/W	※Refer to “Pattern 1”
13FC H	B	3	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
13FE H	B	3	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	※Refer to “Pattern 1”
13FF H	B	3	Analog input, Instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
1400 H	B	3	Analog input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
1401 H	B	3	Analog input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1402 H	B	3	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
1403 H	B	3	Analog input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
1404 H	B	3	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
1405 H	B	3	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
1406 H	B	3	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
1407 H	B	3	Analog input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
1408 H	B	3	Analog input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
140A H	B	3	Analog input, exponent part of totalized value display coefficient	2	R/W	※Refer to “Pattern 1”
140B H	B	3	Analog input, time unit of totalized unit time.	2	R/W	※Refer to “Pattern 1”
140C H	B	3	Analog input, mantissa part of integration initial value	4	R/W	※Refer to “Pattern 1”
140E H	B	3	Analog input, exponent part of integration initial value	2	R/W	※Refer to “Pattern 1”
140F H	B	3	Analog input, total calculation direction	2	R/W	※Refer to “Pattern 1”
1410 H	B	3	Analog input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
1411 H	B	3	Analog input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
1412 H	B	3	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1413 H	B	3	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
1414 H	B	3	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
1415 H	B	3	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
1416 H	B	3	Analog input, totalized value display Custom	2	R/W	※Refer to “Pattern 1”

			unit 5th character			
1417 H	B	3	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
1418 H	B	3	Analog input, totalized over operation	2	R/W	※Refer to “Pattern 1”
1419 H	B	3	Analog input, linearize function	2	R/W	※Refer to “Pattern 1”
141A H	B	3	Analog input, linearize 1st point input value	4	R/W	※Refer to “Pattern 1”
141C H	B	3	Analog input, linearize 1st point output value	4	R/W	※Refer to “Pattern 1”
141E H	B	3	Analog input, linearize 2nd point input value	4	R/W	※Refer to “Pattern 1”
1420 H	B	3	Analog input, linearize 2nd point output value	4	R/W	※Refer to “Pattern 1”
1422 H	B	3	Analog input, linearize 3rd point input value	4	R/W	※Refer to “Pattern 1”
1424 H	B	3	Analog input, linearize 3rd point output value	4	R/W	※Refer to “Pattern 1”
1426 H	B	3	Analog input, linearize 4th point input value	4	R/W	※Refer to “Pattern 1”
1428 H	B	3	Analog input, linearize 4th point output value	4	R/W	※Refer to “Pattern 1”
142A H	B	3	Analog input, linearize 5th point input value	4	R/W	※Refer to “Pattern 1”
142C H	B	3	Analog input, linearize 5th point output value	4	R/W	※Refer to “Pattern 1”
142E H	B	3	Analog input, linearize 6th point input value	4	R/W	※Refer to “Pattern 1”
1430 H	B	3	Analog input, linearize 6th point output value	4	R/W	※Refer to “Pattern 1”
1432 H	B	3	Analog input, linearize 7th point input value	4	R/W	※Refer to “Pattern 1”
1434 H	B	3	Analog input, linearize 7th point output value	4	R/W	※Refer to “Pattern 1”
1436 H	B	3	Analog input, linearize 8th point input value	4	R/W	※Refer to “Pattern 1”
1438 H	B	3	Analog input, linearize 8th point output value	4	R/W	※Refer to “Pattern 1”
143A H	B	3	Analog input, linearize 9th point input value	4	R/W	※Refer to “Pattern 1”
143C H	B	3	Analog input, linearize 9th point output value	4	R/W	※Refer to “Pattern 1”
143E H	B	3	Analog input, linearize 10th point input value	4	R/W	※Refer to “Pattern 1”
1440 H	B	3	Analog input, linearize 10th point output value	4	R/W	※Refer to “Pattern 1”
1442 H	B	3	Analog input, linearize 11th point input value	4	R/W	※Refer to “Pattern 1”
1444 H	B	3	Analog input, linearize 11th point output value	4	R/W	※Refer to “Pattern 1”
1446 H	B	3	Analog input, linearize 12th point input value	4	R/W	※Refer to “Pattern 1”
1448 H	B	3	Analog input, linearize 12th point output value	4	R/W	※Refer to “Pattern 1”
144A H	B	3	Analog input, linearize 13th point input value	4	R/W	※Refer to “Pattern 1”
144C H	B	3	Analog input, linearize 13th point output value	4	R/W	※Refer to “Pattern 1”
144E H	B	3	Analog input, linearize 14th point input value	4	R/W	※Refer to “Pattern 1”
1450 H	B	3	Analog input, linearize 14th point output value	4	R/W	※Refer to “Pattern 1”
1452 H	B	3	Analog input, linearize 15th point input value	4	R/W	※Refer to “Pattern 1”
1454 H	B	3	Analog input, linearize 15th point output value	4	R/W	※Refer to “Pattern 1”
1456 H	B	3	Analog input, linearize 16th point input value	4	R/W	※Refer to “Pattern 1”
1458 H	B	3	Analog input, linearize 16th point output value	4	R/W	※Refer to “Pattern 1”
145A H	B	3	Analog input, linearize 17th point input value	4	R/W	※Refer to “Pattern 1”
145C H	B	3	Analog input, linearize 17th point output value	4	R/W	※Refer to “Pattern 1”
145E H	B	3	Analog input, linearize 18th point input value	4	R/W	※Refer to “Pattern 1”
1460 H	B	3	Analog input, linearize 18th point output value	4	R/W	※Refer to “Pattern 1”
1462 H	B	3	Analog input, linearize 19th point input value	4	R/W	※Refer to “Pattern 1”
1464 H	B	3	Analog input, linearize 19th point output value	4	R/W	※Refer to “Pattern 1”
1466 H	B	3	Analog input, linearize 20th point input value	4	R/W	※Refer to “Pattern 1”
1468 H	B	3	Analog input, linearize 20th point output value	4	R/W	※Refer to “Pattern 1”
146A H	B	3	Analog input, linearize 21st point input value	4	R/W	※Refer to “Pattern 1”
146C H	B	3	Analog input, linearize 21st point output	4	R/W	※Refer to “Pattern 1”

			value			
146E H ～ 1477H	～	～	Reserve	～	～	
1478 H	B	4	Analog input, input range	2	R/W	※Refer to “Pattern 1”
1479 H	B	4	Analog input, sensor power supply	2	R/W	※Refer to “Pattern 1”
147A H	B	4	Analog input, Low cut% value	4	R/W	※Refer to “Pattern 1”
147C H	B	4	Analog input, simple average	2	R/W	※Refer to “Pattern 1”
147D H	B	4	Analog input, moving average	2	R/W	※Refer to “Pattern 1”
147E H	B	4	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
1480 H	B	4	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	※Refer to “Pattern 1”
1481 H	B	4	Analog input, Instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
1482 H	B	4	Analog input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
1483 H	B	4	Analog input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1484 H	B	4	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
1485 H	B	4	Analog input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
1486 H	B	4	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
1487 H	B	4	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
1488 H	B	4	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
1489 H	B	4	Analog input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
148A H	B	4	Analog input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
148C H	B	4	Analog input, exponent part of totalized value display coefficient	2	R/W	※Refer to “Pattern 1”
148D H	B	4	Analog input, time unit of totalized unit time.	2	R/W	※Refer to “Pattern 1”
148E H	B	4	Analog input, mantissa part of integration initial value	4	R/W	※Refer to “Pattern 1”
1490 H	B	4	Analog input, exponent part of integration initial value	2	R/W	※Refer to “Pattern 1”
1491 H	B	4	Analog input, total calculation direction	2	R/W	※Refer to “Pattern 1”
1492 H	B	4	Analog input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
1493 H	B	4	Analog input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
1494 H	B	4	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1495 H	B	4	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
1496 H	B	4	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
1497 H	B	4	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
1498 H	B	4	Analog input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
1499 H	B	4	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
149A H	B	4	Analog input, totalized over operation	2	R/W	※Refer to “Pattern 1”
149B H	B	4	Analog input, linearize function	2	R/W	※Refer to “Pattern 1”
149C H	B	4	Analog input, linearize 1st point input value	4	R/W	※Refer to “Pattern 1”
149E H	B	4	Analog input, linearize 1st point output value	4	R/W	※Refer to “Pattern 1”
14A0 H	B	4	Analog input, linearize 2nd point input value	4	R/W	※Refer to “Pattern 1”
14A2 H	B	4	Analog input, linearize 2nd point output value	4	R/W	※Refer to “Pattern 1”
14A4 H	B	4	Analog input, linearize 3rd point input value	4	R/W	※Refer to “Pattern 1”
14A6 H	B	4	Analog input, linearize 3rd point output value	4	R/W	※Refer to “Pattern 1”

14A8 H	B	4	Analog input, linearize 4th point input value	4	R/W	※Refer to “Pattern 1”
14AA H	B	4	Analog input, linearize 4th point output value	4	R/W	※Refer to “Pattern 1”
14AC H	B	4	Analog input, linearize 5th point input value	4	R/W	※Refer to “Pattern 1”
14AE H	B	4	Analog input, linearize 5th point output value	4	R/W	※Refer to “Pattern 1”
14B0 H	B	4	Analog input, linearize 6th point input value	4	R/W	※Refer to “Pattern 1”
14B2 H	B	4	Analog input, linearize 6th point output value	4	R/W	※Refer to “Pattern 1”
14B4 H	B	4	Analog input, linearize 7th point input value	4	R/W	※Refer to “Pattern 1”
14B6 H	B	4	Analog input, linearize 7th point output value	4	R/W	※Refer to “Pattern 1”
14B8 H	B	4	Analog input, linearize 8th point input value	4	R/W	※Refer to “Pattern 1”
14BA H	B	4	Analog input, linearize 8th point output value	4	R/W	※Refer to “Pattern 1”
14BC H	B	4	Analog input, linearize 9th point input value	4	R/W	※Refer to “Pattern 1”
14BE H	B	4	Analog input, linearize 9th point output value	4	R/W	※Refer to “Pattern 1”
14C0 H	B	4	Analog input, linearize 10th point input value	4	R/W	※Refer to “Pattern 1”
14C2 H	B	4	Analog input, linearize 10th point output value	4	R/W	※Refer to “Pattern 1”
14C4 H	B	4	Analog input, linearize 11th point input value	4	R/W	※Refer to “Pattern 1”
14C6 H	B	4	Analog input, linearize 11th point output value	4	R/W	※Refer to “Pattern 1”
14C8 H	B	4	Analog input, linearize 12th point input value	4	R/W	※Refer to “Pattern 1”
14CA H	B	4	Analog input, linearize 12th point output value	4	R/W	※Refer to “Pattern 1”
14CC H	B	4	Analog input, linearize 13th point input value	4	R/W	※Refer to “Pattern 1”
14CE H	B	4	Analog input, linearize 13th point output value	4	R/W	※Refer to “Pattern 1”
14D0 H	B	4	Analog input, linearize 14th point input value	4	R/W	※Refer to “Pattern 1”
14D2 H	B	4	Analog input, linearize 14th point output value	4	R/W	※Refer to “Pattern 1”
14D4 H	B	4	Analog input, linearize 15th point input value	4	R/W	※Refer to “Pattern 1”
14D6 H	B	4	Analog input, linearize 15th point output value	4	R/W	※Refer to “Pattern 1”
14D8 H	B	4	Analog input, linearize 16th point input value	4	R/W	※Refer to “Pattern 1”
14DA H	B	4	Analog input, linearize 16th point output value	4	R/W	※Refer to “Pattern 1”
14DC H	B	4	Analog input, linearize 17th point input value	4	R/W	※Refer to “Pattern 1”
14DE H	B	4	Analog input, linearize 17th point output value	4	R/W	※Refer to “Pattern 1”
14E0 H	B	4	Analog input, linearize 18th point input value	4	R/W	※Refer to “Pattern 1”
14E2 H	B	4	Analog input, linearize 18th point output value	4	R/W	※Refer to “Pattern 1”
14E4 H	B	4	Analog input, linearize 19th point input value	4	R/W	※Refer to “Pattern 1”
14E6 H	B	4	Analog input, linearize 19th point output value	4	R/W	※Refer to “Pattern 1”
14E8 H	B	4	Analog input, linearize 20th point input value	4	R/W	※Refer to “Pattern 1”
14EA H	B	4	Analog input, linearize 20th point output value	4	R/W	※Refer to “Pattern 1”
14EC H	B	4	Analog input, linearize 21st point input value	4	R/W	※Refer to “Pattern 1”
14EE H	B	4	Analog input, linearize 21st point output value	4	R/W	※Refer to “Pattern 1”
14F0 H ～ 14F9H	～	～	Reserve	～	～	
14FA H	B	5	Analog input, input range	2	R/W	※Refer to “Pattern 1”
14FB H	B	5	Analog input, sensor power supply	2	R/W	※Refer to “Pattern 1”
14FC H	B	5	Analog input, Low cut% value	4	R/W	※Refer to “Pattern 1”
14FE H	B	5	Analog input, simple average	2	R/W	※Refer to “Pattern 1”
14FF H	B	5	Analog input, moving average	2	R/W	※Refer to “Pattern 1”
1500 H	B	5	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
1502 H	B	5	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	※Refer to “Pattern 1”
1503 H	B	5	Analog input, Instantaneous value Decimal	2	R/W	※Refer to “Pattern 1”

			point position			
1504 H	B	5	Analog input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
1505 H	B	5	Analog input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1506 H	B	5	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
1507 H	B	5	Analog input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
1508 H	B	5	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
1509 H	B	5	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
150A H	B	5	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
150B H	B	5	Analog input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
150C H	B	5	Analog input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
150E H	B	5	Analog input, exponent part of totalized value display coefficient	2	R/W	※Refer to “Pattern 1”
150F H	B	5	Analog input, time unit of totalized unit time.	2	R/W	※Refer to “Pattern 1”
1510 H	B	5	Analog input, mantissa part of integration initial value	4	R/W	※Refer to “Pattern 1”
1512 H	B	5	Analog input, exponent part of integration initial value	2	R/W	※Refer to “Pattern 1”
1513 H	B	5	Analog input, total calculation direction	2	R/W	※Refer to “Pattern 1”
1514 H	B	5	Analog input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
1515 H	B	5	Analog input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
1516 H	B	5	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1517 H	B	5	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
1518 H	B	5	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
1519 H	B	5	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
151A H	B	5	Analog input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
151B H	B	5	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
151C H	B	5	Analog input, totalized over operation	2	R/W	※Refer to “Pattern 1”
151D H	B	5	Analog input, linearize function	2	R/W	※Refer to “Pattern 1”
151E H	B	5	Analog input, linearize 1st point input value	4	R/W	※Refer to “Pattern 1”
1520 H	B	5	Analog input, linearize 1st point output value	4	R/W	※Refer to “Pattern 1”
1522 H	B	5	Analog input, linearize 2nd point input value	4	R/W	※Refer to “Pattern 1”
1524 H	B	5	Analog input, linearize 2nd point output value	4	R/W	※Refer to “Pattern 1”
1526 H	B	5	Analog input, linearize 3rd point input value	4	R/W	※Refer to “Pattern 1”
1528 H	B	5	Analog input, linearize 3rd point output value	4	R/W	※Refer to “Pattern 1”
152A H	B	5	Analog input, linearize 4th point input value	4	R/W	※Refer to “Pattern 1”
152C H	B	5	Analog input, linearize 4th point output value	4	R/W	※Refer to “Pattern 1”
152E H	B	5	Analog input, linearize 5th point input value	4	R/W	※Refer to “Pattern 1”
1530 H	B	5	Analog input, linearize 5th point output value	4	R/W	※Refer to “Pattern 1”
1532 H	B	5	Analog input, linearize 6th point input value	4	R/W	※Refer to “Pattern 1”
1534 H	B	5	Analog input, linearize 6th point output value	4	R/W	※Refer to “Pattern 1”
1536 H	B	5	Analog input, linearize 7th point input value	4	R/W	※Refer to “Pattern 1”
1538 H	B	5	Analog input, linearize 7th point output value	4	R/W	※Refer to “Pattern 1”
153A H	B	5	Analog input, linearize 8th point input value	4	R/W	※Refer to “Pattern 1”
153C H	B	5	Analog input, linearize 8th point output value	4	R/W	※Refer to “Pattern 1”

153E H	B	5	Analog input, linearize 9th point input value	4	R/W	※Refer to “Pattern 1”
1540 H	B	5	Analog input, linearize 9th point output value	4	R/W	※Refer to “Pattern 1”
1542 H	B	5	Analog input, linearize 10th point input value	4	R/W	※Refer to “Pattern 1”
1544 H	B	5	Analog input, linearize 10th point output value	4	R/W	※Refer to “Pattern 1”
1546 H	B	5	Analog input, linearize 11th point input value	4	R/W	※Refer to “Pattern 1”
1548 H	B	5	Analog input, linearize 11th point output value	4	R/W	※Refer to “Pattern 1”
154A H	B	5	Analog input, linearize 12th point input value	4	R/W	※Refer to “Pattern 1”
154C H	B	5	Analog input, linearize 12th point output value	4	R/W	※Refer to “Pattern 1”
154E H	B	5	Analog input, linearize 13th point input value	4	R/W	※Refer to “Pattern 1”
1550 H	B	5	Analog input, linearize 13th point output value	4	R/W	※Refer to “Pattern 1”
1552 H	B	5	Analog input, linearize 14th point input value	4	R/W	※Refer to “Pattern 1”
1554 H	B	5	Analog input, linearize 14th point output value	4	R/W	※Refer to “Pattern 1”
1556 H	B	5	Analog input, linearize 15th point input value	4	R/W	※Refer to “Pattern 1”
1558 H	B	5	Analog input, linearize 15th point output value	4	R/W	※Refer to “Pattern 1”
155A H	B	5	Analog input, linearize 16th point input value	4	R/W	※Refer to “Pattern 1”
155C H	B	5	Analog input, linearize 16th point output value	4	R/W	※Refer to “Pattern 1”
155E H	B	5	Analog input, linearize 17th point input value	4	R/W	※Refer to “Pattern 1”
1560 H	B	5	Analog input, linearize 17th point output value	4	R/W	※Refer to “Pattern 1”
1562 H	B	5	Analog input, linearize 18th point input value	4	R/W	※Refer to “Pattern 1”
1564 H	B	5	Analog input, linearize 18th point output value	4	R/W	※Refer to “Pattern 1”
1566 H	B	5	Analog input, linearize 19th point input value	4	R/W	※Refer to “Pattern 1”
1568 H	B	5	Analog input, linearize 19th point output value	4	R/W	※Refer to “Pattern 1”
156A H	B	5	Analog input, linearize 20th point input value	4	R/W	※Refer to “Pattern 1”
156C H	B	5	Analog input, linearize 20th point output value	4	R/W	※Refer to “Pattern 1”
156E H	B	5	Analog input, linearize 21st point input value	4	R/W	※Refer to “Pattern 1”
1570 H	B	5	Analog input, linearize 21st point output value	4	R/W	※Refer to “Pattern 1”
1572 H ～ 157BH	～	～	Reserve	～	～	
157C H	B	6	Analog input, input range	2	R/W	※Refer to “Pattern 1”
157D H	B	6	Analog input, sensor power supply	2	R/W	※Refer to “Pattern 1”
157E H	B	6	Analog input, Low cut% value	4	R/W	※Refer to “Pattern 1”
1580 H	B	6	Analog input, simple average	2	R/W	※Refer to “Pattern 1”
1581 H	B	6	Analog input, moving average	2	R/W	※Refer to “Pattern 1”
1582 H	B	6	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
1584 H	B	6	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	※Refer to “Pattern 1”
1585 H	B	6	Analog input, Instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
1586 H	B	6	Analog input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
1587 H	B	6	Analog input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1588 H	B	6	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
1589 H	B	6	Analog input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
158A H	B	6	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
158B H	B	6	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
158C H	B	6	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”

158D H	B	6	Analog input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
158E H	B	6	Analog input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
1590 H	B	6	Analog input, exponent part of totalized value display coefficient	2	R/W	※Refer to “Pattern 1”
1591 H	B	6	Analog input, time unit of totalized unit time.	2	R/W	※Refer to “Pattern 1”
1592 H	B	6	Analog input, mantissa part of integration initial value	4	R/W	※Refer to “Pattern 1”
1594 H	B	6	Analog input, exponent part of integration initial value	2	R/W	※Refer to “Pattern 1”
1595 H	B	6	Analog input, total calculation direction	2	R/W	※Refer to “Pattern 1”
1596 H	B	6	Analog input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
1597 H	B	6	Analog input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
1598 H	B	6	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
1599 H	B	6	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
159A H	B	6	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
159B H	B	6	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
159C H	B	6	Analog input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
159D H	B	6	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
159E H	B	6	Analog input, totalized over operation	2	R/W	※Refer to “Pattern 1”
159F H	B	6	Analog input, linearize function	2	R/W	※Refer to “Pattern 1”
15A0 H	B	6	Analog input, linearize 1st point input value	4	R/W	※Refer to “Pattern 1”
15A2 H	B	6	Analog input, linearize 1st point output value	4	R/W	※Refer to “Pattern 1”
15A4 H	B	6	Analog input, linearize 2nd point input value	4	R/W	※Refer to “Pattern 1”
15A6 H	B	6	Analog input, linearize 2nd point output value	4	R/W	※Refer to “Pattern 1”
15A8 H	B	6	Analog input, linearize 3rd point input value	4	R/W	※Refer to “Pattern 1”
15AA H	B	6	Analog input, linearize 3rd point output value	4	R/W	※Refer to “Pattern 1”
15AC H	B	6	Analog input, linearize 4th point input value	4	R/W	※Refer to “Pattern 1”
15AE H	B	6	Analog input, linearize 4th point output value	4	R/W	※Refer to “Pattern 1”
15B0 H	B	6	Analog input, linearize 5th point input value	4	R/W	※Refer to “Pattern 1”
15B2 H	B	6	Analog input, linearize 5th point output value	4	R/W	※Refer to “Pattern 1”
15B4 H	B	6	Analog input, linearize 6th point input value	4	R/W	※Refer to “Pattern 1”
15B6 H	B	6	Analog input, linearize 6th point output value	4	R/W	※Refer to “Pattern 1”
15B8 H	B	6	Analog input, linearize 7th point input value	4	R/W	※Refer to “Pattern 1”
15BA H	B	6	Analog input, linearize 7th point output value	4	R/W	※Refer to “Pattern 1”
15BC H	B	6	Analog input, linearize 8th point input value	4	R/W	※Refer to “Pattern 1”
15BE H	B	6	Analog input, linearize 8th point output value	4	R/W	※Refer to “Pattern 1”
15C0 H	B	6	Analog input, linearize 9th point input value	4	R/W	※Refer to “Pattern 1”
15C2 H	B	6	Analog input, linearize 9th point output value	4	R/W	※Refer to “Pattern 1”
15C4 H	B	6	Analog input, linearize 10th point input value	4	R/W	※Refer to “Pattern 1”
15C6 H	B	6	Analog input, linearize 10th point output value	4	R/W	※Refer to “Pattern 1”
15C8 H	B	6	Analog input, linearize 11th point input value	4	R/W	※Refer to “Pattern 1”
15CA H	B	6	Analog input, linearize 11th point output value	4	R/W	※Refer to “Pattern 1”
15CC H	B	6	Analog input, linearize 12th point input value	4	R/W	※Refer to “Pattern 1”
15CE H	B	6	Analog input, linearize 12th point output value	4	R/W	※Refer to “Pattern 1”
15D0 H	B	6	Analog input, linearize 13th point input value	4	R/W	※Refer to “Pattern 1”
15D2 H	B	6	Analog input, linearize 13th point output	4	R/W	※Refer to “Pattern 1”

			value			
15D4 H	B	6	Analog input, linearize 14th point input value	4	R/W	※Refer to “Pattern 1”
15D6 H	B	6	Analog input, linearize 14th point output value	4	R/W	※Refer to “Pattern 1”
15D8 H	B	6	Analog input, linearize 15th point input value	4	R/W	※Refer to “Pattern 1”
15DA H	B	6	Analog input, linearize 15th point output value	4	R/W	※Refer to “Pattern 1”
15DC H	B	6	Analog input, linearize 16th point input value	4	R/W	※Refer to “Pattern 1”
15DE H	B	6	Analog input, linearize 16th point output value	4	R/W	※Refer to “Pattern 1”
15E0 H	B	6	Analog input, linearize 17th point input value	4	R/W	※Refer to “Pattern 1”
15E2 H	B	6	Analog input, linearize 17th point output value	4	R/W	※Refer to “Pattern 1”
15E4 H	B	6	Analog input, linearize 18th point input value	4	R/W	※Refer to “Pattern 1”
15E6 H	B	6	Analog input, linearize 18th point output value	4	R/W	※Refer to “Pattern 1”
15E8 H	B	6	Analog input, linearize 19th point input value	4	R/W	※Refer to “Pattern 1”
15EA H	B	6	Analog input, linearize 19th point output value	4	R/W	※Refer to “Pattern 1”
15EC H	B	6	Analog input, linearize 20th point input value	4	R/W	※Refer to “Pattern 1”
15EE H	B	6	Analog input, linearize 20th point output value	4	R/W	※Refer to “Pattern 1”
15F0 H	B	6	Analog input, linearize 21st point input value	4	R/W	※Refer to “Pattern 1”
15F2 H	B	6	Analog input, linearize 21st point output value	4	R/W	※Refer to “Pattern 1”
15F4 H ～ 15FDH	～	～	Reserve	～	～	
15FE H	B	7	Analog input, input range	2	R/W	※Refer to “Pattern 1”
15FF H	B	7	Analog input, sensor power supply	2	R/W	※Refer to “Pattern 1”
1600 H	B	7	Analog input, Low cut% value	4	R/W	※Refer to “Pattern 1”
1602 H	B	7	Analog input, simple average	2	R/W	※Refer to “Pattern 1”
1603 H	B	7	Analog input, moving average	2	R/W	※Refer to “Pattern 1”
1604 H	B	7	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
1606 H	B	7	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	※Refer to “Pattern 1”
1607 H	B	7	Analog input, Instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
1608 H	B	7	Analog input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
1609 H	B	7	Analog input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
160A H	B	7	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
160B H	B	7	Analog input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
160C H	B	7	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
160D H	B	7	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
160E H	B	7	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
160F H	B	7	Analog input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
1610 H	B	7	Analog input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
1612 H	B	7	Analog input, exponent part of totalized value display coefficient	2	R/W	※Refer to “Pattern 1”
1613 H	B	7	Analog input, time unit of totalized unit time.	2	R/W	※Refer to “Pattern 1”
1614 H	B	7	Analog input, mantissa part of integration initial value	4	R/W	※Refer to “Pattern 1”
1616 H	B	7	Analog input, exponent part of integration initial value	2	R/W	※Refer to “Pattern 1”
1617 H	B	7	Analog input, total calculation direction	2	R/W	※Refer to “Pattern 1”
1618 H	B	7	Analog input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”

1619 H	B	7	Analog input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
161A H	B	7	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
161B H	B	7	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
161C H	B	7	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
161D H	B	7	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
161E H	B	7	Analog input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
161F H	B	7	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
1620 H	B	7	Analog input, totalized over operation	2	R/W	※Refer to “Pattern 1”
1621 H	B	7	Analog input, linearize function	2	R/W	※Refer to “Pattern 1”
1622 H	B	7	Analog input, linearize 1st point input value	4	R/W	※Refer to “Pattern 1”
1624 H	B	7	Analog input, linearize 1st point output value	4	R/W	※Refer to “Pattern 1”
1626 H	B	7	Analog input, linearize 2nd point input value	4	R/W	※Refer to “Pattern 1”
1628 H	B	7	Analog input, linearize 2nd point output value	4	R/W	※Refer to “Pattern 1”
162A H	B	7	Analog input, linearize 3rd point input value	4	R/W	※Refer to “Pattern 1”
162C H	B	7	Analog input, linearize 3rd point output value	4	R/W	※Refer to “Pattern 1”
162E H	B	7	Analog input, linearize 4th point input value	4	R/W	※Refer to “Pattern 1”
1630 H	B	7	Analog input, linearize 4th point output value	4	R/W	※Refer to “Pattern 1”
1632 H	B	7	Analog input, linearize 5th point input value	4	R/W	※Refer to “Pattern 1”
1634 H	B	7	Analog input, linearize 5th point output value	4	R/W	※Refer to “Pattern 1”
1636 H	B	7	Analog input, linearize 6th point input value	4	R/W	※Refer to “Pattern 1”
1638 H	B	7	Analog input, linearize 6th point output value	4	R/W	※Refer to “Pattern 1”
163A H	B	7	Analog input, linearize 7th point input value	4	R/W	※Refer to “Pattern 1”
163C H	B	7	Analog input, linearize 7th point output value	4	R/W	※Refer to “Pattern 1”
163E H	B	7	Analog input, linearize 8th point input value	4	R/W	※Refer to “Pattern 1”
1640 H	B	7	Analog input, linearize 8th point output value	4	R/W	※Refer to “Pattern 1”
1642 H	B	7	Analog input, linearize 9th point input value	4	R/W	※Refer to “Pattern 1”
1644 H	B	7	Analog input, linearize 9th point output value	4	R/W	※Refer to “Pattern 1”
1646 H	B	7	Analog input, linearize 10th point input value	4	R/W	※Refer to “Pattern 1”
1648 H	B	7	Analog input, linearize 10th point output value	4	R/W	※Refer to “Pattern 1”
164A H	B	7	Analog input, linearize 11th point input value	4	R/W	※Refer to “Pattern 1”
164C H	B	7	Analog input, linearize 11th point output value	4	R/W	※Refer to “Pattern 1”
164E H	B	7	Analog input, linearize 12th point input value	4	R/W	※Refer to “Pattern 1”
1650 H	B	7	Analog input, linearize 12th point output value	4	R/W	※Refer to “Pattern 1”
1652 H	B	7	Analog input, linearize 13th point input value	4	R/W	※Refer to “Pattern 1”
1654 H	B	7	Analog input, linearize 13th point output value	4	R/W	※Refer to “Pattern 1”
1656 H	B	7	Analog input, linearize 14th point input value	4	R/W	※Refer to “Pattern 1”
1658 H	B	7	Analog input, linearize 14th point output value	4	R/W	※Refer to “Pattern 1”
165A H	B	7	Analog input, linearize 15th point input value	4	R/W	※Refer to “Pattern 1”
165C H	B	7	Analog input, linearize 15th point output value	4	R/W	※Refer to “Pattern 1”
165E H	B	7	Analog input, linearize 16th point input value	4	R/W	※Refer to “Pattern 1”
1660 H	B	7	Analog input, linearize 16th point output value	4	R/W	※Refer to “Pattern 1”
1662 H	B	7	Analog input, linearize 17th point input value	4	R/W	※Refer to “Pattern 1”
1664 H	B	7	Analog input, linearize 17th point output value	4	R/W	※Refer to “Pattern 1”
1666 H	B	7	Analog input, linearize 18th point input value	4	R/W	※Refer to “Pattern 1”

1668 H	B	7	Analog input, linearize 18th point output value	4	R/W	※Refer to “Pattern 1”
166A H	B	7	Analog input, linearize 19th point input value	4	R/W	※Refer to “Pattern 1”
166C H	B	7	Analog input, linearize 19th point output value	4	R/W	※Refer to “Pattern 1”
166E H	B	7	Analog input, linearize 20th point input value	4	R/W	※Refer to “Pattern 1”
1670 H	B	7	Analog input, linearize 20th point output value	4	R/W	※Refer to “Pattern 1”
1672 H	B	7	Analog input, linearize 21st point input value	4	R/W	※Refer to “Pattern 1”
1674 H	B	7	Analog input, linearize 21st point output value	4	R/W	※Refer to “Pattern 1”
1676 H ～ 167FH	～	～	Reserve	～	～	
1680 H	B	8	Analog input, input range	2	R/W	※Refer to “Pattern 1”
1681 H	B	8	Analog input, sensor power supply	2	R/W	※Refer to “Pattern 1”
1682 H	B	8	Analog input, Low cut% value	4	R/W	※Refer to “Pattern 1”
1684 H	B	8	Analog input, simple average	2	R/W	※Refer to “Pattern 1”
1685 H	B	8	Analog input, moving average	2	R/W	※Refer to “Pattern 1”
1686 H	B	8	Analog input, mantissa part of instantaneous value display coefficient	4	R/W	※Refer to “Pattern 1”
1688 H	B	8	Analog input, exponent part of instantaneous value indication coefficient	2	R/W	※Refer to “Pattern 1”
1689 H	B	8	Analog input, Instantaneous value Decimal point position	2	R/W	※Refer to “Pattern 1”
168A H	B	8	Analog input, instantaneous value display unit	2	R/W	※Refer to “Pattern 1”
168B H	B	8	Analog input, instantaneous value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
168C H	B	8	Analog input, instantaneous value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
168D H	B	8	Analog input, instantaneous value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
168E H	B	8	Analog input, instantaneous value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
168F H	B	8	Analog input, instantaneous value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
1690 H	B	8	Analog input, instantaneous value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
1691 H	B	8	Analog input, instantaneous value display step	2	R/W	※Refer to “Pattern 1”
1692 H	B	8	Analog input, mantissa part of totalized value display coefficient	4	R/W	※Refer to “Pattern 1”
1694 H	B	8	Analog input, exponent part of totalized value display coefficient	2	R/W	※Refer to “Pattern 1”
1695 H	B	8	Analog input, time unit of totalized unit time.	2	R/W	※Refer to “Pattern 1”
1696 H	B	8	Analog input, mantissa part of integration initial value	4	R/W	※Refer to “Pattern 1”
1698 H	B	8	Analog input, exponent part of integration initial value	2	R/W	※Refer to “Pattern 1”
1699 H	B	8	Analog input, total calculation direction	2	R/W	※Refer to “Pattern 1”
169A H	B	8	Analog input, totalized value Decimal point position	2	R/W	※Refer to “Pattern 1”
169B H	B	8	Analog input, totalized value display unit	2	R/W	※Refer to “Pattern 1”
169C H	B	8	Analog input, totalized value display Custom unit 1st character	2	R/W	※Refer to “Pattern 1”
169D H	B	8	Analog input, totalized value display Custom unit 2nd character	2	R/W	※Refer to “Pattern 1”
169E H	B	8	Analog input, totalized value display Custom unit 3rd character	2	R/W	※Refer to “Pattern 1”
169F H	B	8	Analog input, totalized value display Custom unit 4th character	2	R/W	※Refer to “Pattern 1”
16A0 H	B	8	Analog input, totalized value display Custom unit 5th character	2	R/W	※Refer to “Pattern 1”
16A1 H	B	8	Analog input, totalized value display Custom unit 6th character	2	R/W	※Refer to “Pattern 1”
16A2 H	B	8	Analog input, totalized over operation	2	R/W	※Refer to “Pattern 1”

16A3 H	B	8	Analog input, linearize function	2	R/W	※Refer to “Pattern 1”
16A4 H	B	8	Analog input, linearize 1st point input value	4	R/W	※Refer to “Pattern 1”
16A6 H	B	8	Analog input, linearize 1st point output value	4	R/W	※Refer to “Pattern 1”
16A8 H	B	8	Analog input, linearize 2nd point input value	4	R/W	※Refer to “Pattern 1”
16AA H	B	8	Analog input, linearize 2nd point output value	4	R/W	※Refer to “Pattern 1”
16AC H	B	8	Analog input, linearize 3rd point input value	4	R/W	※Refer to “Pattern 1”
16AE H	B	8	Analog input, linearize 3rd point output value	4	R/W	※Refer to “Pattern 1”
16B0 H	B	8	Analog input, linearize 4th point input value	4	R/W	※Refer to “Pattern 1”
16B2 H	B	8	Analog input, linearize 4th point output value	4	R/W	※Refer to “Pattern 1”
16B4 H	B	8	Analog input, linearize 5th point input value	4	R/W	※Refer to “Pattern 1”
16B6 H	B	8	Analog input, linearize 5th point output value	4	R/W	※Refer to “Pattern 1”
16B8 H	B	8	Analog input, linearize 6th point input value	4	R/W	※Refer to “Pattern 1”
16BA H	B	8	Analog input, linearize 6th point output value	4	R/W	※Refer to “Pattern 1”
16BC H	B	8	Analog input, linearize 7th point input value	4	R/W	※Refer to “Pattern 1”
16BE H	B	8	Analog input, linearize 7th point output value	4	R/W	※Refer to “Pattern 1”
16C0 H	B	8	Analog input, linearize 8th point input value	4	R/W	※Refer to “Pattern 1”
16C2 H	B	8	Analog input, linearize 8th point output value	4	R/W	※Refer to “Pattern 1”
16C4 H	B	8	Analog input, linearize 9th point input value	4	R/W	※Refer to “Pattern 1”
16C6 H	B	8	Analog input, linearize 9th point output value	4	R/W	※Refer to “Pattern 1”
16C8 H	B	8	Analog input, linearize 10th point input value	4	R/W	※Refer to “Pattern 1”
16CA H	B	8	Analog input, linearize 10th point output value	4	R/W	※Refer to “Pattern 1”
16CC H	B	8	Analog input, linearize 11th point input value	4	R/W	※Refer to “Pattern 1”
16CE H	B	8	Analog input, linearize 11th point output value	4	R/W	※Refer to “Pattern 1”
16D0 H	B	8	Analog input, linearize 12th point input value	4	R/W	※Refer to “Pattern 1”
16D2 H	B	8	Analog input, linearize 12th point output value	4	R/W	※Refer to “Pattern 1”
16D4 H	B	8	Analog input, linearize 13th point input value	4	R/W	※Refer to “Pattern 1”
16D6 H	B	8	Analog input, linearize 13th point output value	4	R/W	※Refer to “Pattern 1”
16D8 H	B	8	Analog input, linearize 14th point input value	4	R/W	※Refer to “Pattern 1”
16DA H	B	8	Analog input, linearize 14th point output value	4	R/W	※Refer to “Pattern 1”
16DC H	B	8	Analog input, linearize 15th point input value	4	R/W	※Refer to “Pattern 1”
16DE H	B	8	Analog input, linearize 15th point output value	4	R/W	※Refer to “Pattern 1”
16E0 H	B	8	Analog input, linearize 16th point input value	4	R/W	※Refer to “Pattern 1”
16E2 H	B	8	Analog input, linearize 16th point output value	4	R/W	※Refer to “Pattern 1”
16E4 H	B	8	Analog input, linearize 17th point input value	4	R/W	※Refer to “Pattern 1”
16E6 H	B	8	Analog input, linearize 17th point output value	4	R/W	※Refer to “Pattern 1”
16E8 H	B	8	Analog input, linearize 18th point input value	4	R/W	※Refer to “Pattern 1”
16EA H	B	8	Analog input, linearize 18th point output value	4	R/W	※Refer to “Pattern 1”
16EC H	B	8	Analog input, linearize 19th point input value	4	R/W	※Refer to “Pattern 1”
16EE H	B	8	Analog input, linearize 19th point output value	4	R/W	※Refer to “Pattern 1”
16F0 H	B	8	Analog input, linearize 20th point input value	4	R/W	※Refer to “Pattern 1”
16F2 H	B	8	Analog input, linearize 20th point output value	4	R/W	※Refer to “Pattern 1”
16F4 H	B	8	Analog input, linearize 21st point input value	4	R/W	※Refer to “Pattern 1”
16F6 H	B	8	Analog input, linearize 21st point output value	4	R/W	※Refer to “Pattern 1”
16F8 H ～ 1701H	～	～	Reserve	～	～	

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1702H	－	1	2 input calculation, expression for instantaneous value.	2	R/W	0000H：None、 0001H：AbsRatio (B/A)×100、 0002H：ErrRatio (B/A−1)×100、 0003H：Err B−A、 0004H：Dens (B/(A+B))×100、 0005H：SUM A+B	
1703H	－	1	2 input calculation, instantaneous value decimal point position.	2	R/W	0000H：None, 0001H：The lower right of the 2nd digit, 0002H：The lower right of the 3rd digit, 0003H：The lower right of the 4th digit, 0004H：The lower right of the 5th digit, 0005H：The lower right of the 6th digit ※1 ※1 If the input format is "analog input" is, 6 digit of the set are not allowed.	
1704H	－	1	2 input calculation, instantaneous value display unit.	2	R/W	0000H：None、 0002H：mA、 0004H：kA、 0006H：mV、 0008H：kV、 000AH：W、 000CH：MW、 000EH：mm、 0010H：m、 0012H：kΩ、 0014H：g、 0016H：N、 0018H：MN、 001AH：kPa、 001CH：hPa、 001EH：kJ、 0020H：Hz、 0022H：MHz、 0024H：mm/s、 0026H：cm/min、 0028H：m/min、 002AH：m/s^2、 002CH：m^3/min、 002EH：kg/h、 0030H：kg/m^3、 0032H：ℓ、 0034H：ℓ/min、 0036H：%、 0038H：%RH、 003AH：ph、 003CH：rpm、 003EH：inch、	0001H：μA、 0003H：A、 0005H：μV、 0007H：V、 0009H：VA、 000BH：kW、 000DH：μm、 000FH：cm、 0011H：Ω、 0013H：MΩ、 0015H：kg、 0017H：kN、 0019H：Pa、 001BH：Mpa、 001DH：J、 001FH：MJ、 0021H：kHz、 0023H：m^3、 0025H：mm/min、 0027H：m/s、 0029H：m/h 002BH：m^3/s、 002DH：m^3/h、 002FH：kg/m^2、 0031H：N/m^2、 0033H：ℓ/s、 0035H：ℓ/h、 0037H：‰、 0039H：℃、 003BH：ppm、 003DH：t、 003FH：Custom unit
1705H	－	1	2 input calculation, instantaneous value display custom unit 1st character.	2	R/W	0000H：None、 0002H：b、 0004H：d、 0006H：f、 0008H：h、 000AH：j、 000CH：l、 000EH：n、 0010H：p、 0012H：r、 0014H：t、 0016H：v、 0018H：x、 001AH：z、 001CH：B、 001EH：D、 0020H：F、 0022H：H、 0024H：J、 0026H：L、 0028H：N、 002AH：P、	0001H：a、 0003H：c、 0005H：e、 0007H：g、 0009H：i、 000BH：k、 000DH：m、 000FH：o、 0011H：q、 0013H：s、 0015H：u、 0017H：w、 0019H：y、 001BH：A、 001DH：C、 001FH：E、 0021H：G、 0023H：I、 0025H：K、 0027H：M、 0029H：O 002BH：Q、

						002CH:R、 002EH:T、 0030H:V、 0032H:X、 0034H:Z、 0036H:]、 0038H:)、 003AH:$_2$、 003CH:^{1}、 003EH:^{3}、 0040H:μ、 0042H:g、 0044H:/、 0046H:%、 0048H:°、 004AH:”	002DH:S、 002FH:U、 0031H:W、 0033H:Y、 0035H:[、 0037H:(、 0039H:$_1$、 003BH:$_3$、 003DH:^{2}、 003FH:$^-$、 0041H:Ω、 0043H:・、 0045H:ℓ、 0047H:‰、 0049H:’、
1706H	－	1	2 input calculation, instantaneous value display custom unit 2nd character.	2	R/W	※Refer to “2 input calculation, instantaneous value display custom unit 1st character.”	
1707H	－	1	2 input calculation, instantaneous value display custom unit 3rd character.	2	R/W	※Refer to “2 input calculation, instantaneous value display custom unit 1st character.”	
1708H	－	1	2 input calculation, instantaneous value display custom unit 4th character.	2	R/W	※Refer to “2 input calculation, instantaneous value display custom unit 1st character.”	
1709H	－	1	2 input calculation, instantaneous value display custom unit 5th character.	2	R/W	※Refer to “2 input calculation, instantaneous value display custom unit 1st character.”	
170AH	－	1	2 input calculation, instantaneous value display custom unit 6th character.	2	R/W	※Refer to “2 input calculation, instantaneous value display custom unit 1st character.”	
170BH	－	1	2 input calculation, inistataneous value display step.	2	R/W	0000H:None、0001H:5 steps、 0002H:10 steps	
170CH	－	1	2 input calculation, expression for totalized value.	2	R/W	0000H:None、 0001H:Add A+B、 0002H:Sub B-A	
170DH	－	1	2 input calculation, totalized value decimal point position.	2	R/W	0000H:None, 0001H:The lower right of the 2nd digit, 0002H:The lower right of the 3rd digit, 0003H:The lower right of the 4th digit, 0004H:The lower right of the 5th digit, 0005H:The lower right of the 6th digit	
170EH	－	1	2 input calculation, Totalized value display unit.	2	R/W	※Refer to “2 input calculation, instantaneous value display unit.”	
170FH	－	1	2 input calculation, Totalized value display custom unit 1st character.	2	R/W	※Refer to “2 input calculation, instantaneous value display custom unit 1st character.”	
1710H	－	1	2 input calculation, Totalized value display custom unit 2nd character.	2	R/W	※Refer to “2 input calculation, instantaneous value display custom unit 1st character.”	
1711H	－	1	2 input calculation, Totalized value display custom unit 3rd character.	2	R/W	※Refer to “2 input calculation, instantaneous value display custom unit 1st character.”	
1712H	－	1	2 input calculation, Totalized value display custom unit 4th character.	2	R/W	※Refer to “2 input calculation, instantaneous value display custom unit 1st character.”	
1713H	－	1	2 input calculation, Totalized value display custom unit 5th character.	2	R/W	※Refer to “2 input calculation, instantaneous value display custom unit 1st character.”	
1714H	－	1	2 input calculation, Totalized value display custom unit 6th character.	2	R/W	※Refer to “2 input calculation, instantaneous value display custom unit 1st character.”	
1715H	－	1	2 input calculation, Totalized value overrun count.	2	R/W	0000H:None、0001H:999 times、 0002H:Endless	
1716H ～ 171FH	～	～	Reserve	～	～	－	
1720H	－	2	2 input calculation, expression for	2	R/W	※Refer to “Pattern 1”	

			instantaneous value.			
1721H	－	2	2 input calculation, instantaneous value decimal point position.	2	R/W	※Refer to “Pattern 1”
1722H	－	2	2 input calculation, instantaneous value display unit.	2	R/W	※Refer to “Pattern 1”
1723H	－	2	2 input calculation, instantaneous value display custom unit 1st character.	2	R/W	※Refer to “Pattern 1”
1724H	－	2	2 input calculation, instantaneous value display custom unit 2nd character.	2	R/W	※Refer to “Pattern 1”
1725H	－	2	2 input calculation, instantaneous value display custom unit 3rd character.	2	R/W	※Refer to “Pattern 1”
1726H	－	2	2 input calculation, instantaneous value display custom unit 4th character.	2	R/W	※Refer to “Pattern 1”
1727H	－	2	2 input calculation, instantaneous value display custom unit 5th character.	2	R/W	※Refer to “Pattern 1”
1728H	－	2	2 input calculation, instantaneous value display custom unit 6th character.	2	R/W	※Refer to “Pattern 1”
1729H	－	2	2 input calculation, instantaneous value display step.	2	R/W	※Refer to “Pattern 1”
172AH	－	2	2 input calculation, expression for totalized value.	2	R/W	※Refer to “Pattern 1”
172BH	－	2	2 input calculation, totalized value decimal point position.	2	R/W	※Refer to “Pattern 1”
172CH	－	2	2 input calculation, Totalized value display unit.	2	R/W	※Refer to “Pattern 1”
172DH	－	2	2 input calculation, Totalized value display custom unit 1st character.	2	R/W	※Refer to “Pattern 1”
172EH	－	2	2 input calculation, Totalized value display custom unit 2nd character.	2	R/W	※Refer to “Pattern 1”
172FH	－	2	2 input calculation, Totalized value display custom unit 3rd character.	2	R/W	※Refer to “Pattern 1”
1730H	－	2	2 input calculation, Totalized value display custom unit 4th character.	2	R/W	※Refer to “Pattern 1”
1731H	－	2	2 input calculation, Totalized value display custom unit 5th character.	2	R/W	※Refer to “Pattern 1”
1732H	－	2	2 input calculation, Totalized value display custom unit 6th character.	2	R/W	※Refer to “Pattern 1”
1733H	－	2	2 input calculation, Totalized value overrun count.	2	R/W	※Refer to “Pattern 1”
1734H ～ 173DH	～	～	Reserve	～	～	
173EH	－	3	2 input calculation, expression for instantaneous value.	2	R/W	※Refer to “Pattern 1”
173FH	－	3	2 input calculation, instantaneous value decimal point position.	2	R/W	※Refer to “Pattern 1”
1740H	－	3	2 input calculation, instantaneous value display unit.	2	R/W	※Refer to “Pattern 1”
1741H	－	3	2 input calculation, instantaneous value display custom unit 1st character.	2	R/W	※Refer to “Pattern 1”
1742H	－	3	2 input calculation, instantaneous value display custom unit 2nd character.	2	R/W	※Refer to “Pattern 1”
1743H	－	3	2 input calculation, instantaneous value display custom unit 3rd character.	2	R/W	※Refer to “Pattern 1”
1744H	－	3	2 input calculation, instantaneous value display custom unit 4th character.	2	R/W	※Refer to “Pattern 1”
1745H	－	3	2 input calculation, instantaneous value display custom unit 5th character.	2	R/W	※Refer to “Pattern 1”
1746H	－	3	2 input calculation, instantaneous value display custom unit 6th character.	2	R/W	※Refer to “Pattern 1”
1747H	－	3	2 input calculation, instantaneous value display step.	2	R/W	※Refer to “Pattern 1”
1748H	－	3	2 input calculation, expression for totalized value.	2	R/W	※Refer to “Pattern 1”
1749H	－	3	2 input calculation, totalized value decimal point position.	2	R/W	※Refer to “Pattern 1”
174AH	－	3	2 input calculation, Totalized value display unit.	2	R/W	※Refer to “Pattern 1”

174BH	－	3	2 input calculation, Totalized value display custom unit 1st character.	2	R/W	※Refer to “Pattern 1”
174CH	－	3	2 input calculation, Totalized value display custom unit 2nd character.	2	R/W	※Refer to “Pattern 1”
174DH	－	3	2 input calculation, Totalized value display custom unit 3rd character.	2	R/W	※Refer to “Pattern 1”
174EH	－	3	2 input calculation, Totalized value display custom unit 4th character.	2	R/W	※Refer to “Pattern 1”
174FH	－	3	2 input calculation, Totalized value display custom unit 5th character.	2	R/W	※Refer to “Pattern 1”
1750H	－	3	2 input calculation, Totalized value display custom unit 6th character.	2	R/W	※Refer to “Pattern 1”
1751H	－	3	2 input calculation, Totalized value overrun count.	2	R/W	※Refer to “Pattern 1”
1752H ～ 175BH	～	～	Reserve	～	～	
175CH	－	4	2 input calculation, expression for instantaneous value.	2	R/W	※Refer to “Pattern 1”
175DH	－	4	2 input calculation, instantaneous value decimal point position.	2	R/W	※Refer to “Pattern 1”
175EH	－	4	2 input calculation, instantaneous value display unit.	2	R/W	※Refer to “Pattern 1”
175FH	－	4	2 input calculation, instantaneous value display custom unit 1st character.	2	R/W	※Refer to “Pattern 1”
1760H	－	4	2 input calculation, instantaneous value display custom unit 2nd character.	2	R/W	※Refer to “Pattern 1”
1761H	－	4	2 input calculation, instantaneous value display custom unit 3rd character.	2	R/W	※Refer to “Pattern 1”
1762H	－	4	2 input calculation, instantaneous value display custom unit 4th character.	2	R/W	※Refer to “Pattern 1”
1763H	－	4	2 input calculation, instantaneous value display custom unit 5th character.	2	R/W	※Refer to “Pattern 1”
1764H	－	4	2 input calculation, instantaneous value display custom unit 6th character.	2	R/W	※Refer to “Pattern 1”
1765H	－	4	2 input calculation, instantaneous value display step.	2	R/W	※Refer to “Pattern 1”
1766H	－	4	2 input calculation, expression for totalized value.	2	R/W	※Refer to “Pattern 1”
1767H	－	4	2 input calculation, totalized value decimal point position.	2	R/W	※Refer to “Pattern 1”
1768H	－	4	2 input calculation, Totalized value display unit.	2	R/W	※Refer to “Pattern 1”
1769H	－	4	2 input calculation, Totalized value display custom unit 1st character.	2	R/W	※Refer to “Pattern 1”
176AH	－	4	2 input calculation, Totalized value display custom unit 2nd character.	2	R/W	※Refer to “Pattern 1”
176BH	－	4	2 input calculation, Totalized value display custom unit 3rd character.	2	R/W	※Refer to “Pattern 1”
176CH	－	4	2 input calculation, Totalized value display custom unit 4th character.	2	R/W	※Refer to “Pattern 1”
176DH	－	4	2 input calculation, Totalized value display custom unit 5th character.	2	R/W	※Refer to “Pattern 1”
176EH	－	4	2 input calculation, Totalized value display custom unit 6th character.	2	R/W	※Refer to “Pattern 1”
176FH	－	4	2 input calculation, Totalized value overrun count.	2	R/W	※Refer to “Pattern 1”
1770H ～ 1779H	～	～	Reserve	～	～	
177AH	－	5	2 input calculation, expression for instantaneous value.	2	R/W	※Refer to “Pattern 1”
177BH	－	5	2 input calculation, instantaneous value decimal point position.	2	R/W	※Refer to “Pattern 1”
177CH	－	5	2 input calculation, instantaneous value display unit.	2	R/W	※Refer to “Pattern 1”
177DH	－	5	2 input calculation, instantaneous value display custom unit 1st character.	2	R/W	※Refer to “Pattern 1”

177EH	－	5	2 input calculation, instantaneous value display custom unit 2nd character.	2	R/W	※Refer to “Pattern 1”
177FH	－	5	2 input calculation, instantaneous value display custom unit 3rd character.	2	R/W	※Refer to “Pattern 1”
1780H	－	5	2 input calculation, instantaneous value display custom unit 4th character.	2	R/W	※Refer to “Pattern 1”
1781H	－	5	2 input calculation, instantaneous value display custom unit 5th character.	2	R/W	※Refer to “Pattern 1”
1782H	－	5	2 input calculation, instantaneous value display custom unit 6th character.	2	R/W	※Refer to “Pattern 1”
1783H	－	5	2 input calculation, instantaneous value display step.	2	R/W	※Refer to “Pattern 1”
1784H	－	5	2 input calculation, expression for totalized value.	2	R/W	※Refer to “Pattern 1”
1785H	－	5	2 input calculation, totalized value decimal point position.	2	R/W	※Refer to “Pattern 1”
1786H	－	5	2 input calculation, Totalized value display unit.	2	R/W	※Refer to “Pattern 1”
1787H	－	5	2 input calculation, Totalized value display custom unit 1st character.	2	R/W	※Refer to “Pattern 1”
1788H	－	5	2 input calculation, Totalized value display custom unit 2nd character.	2	R/W	※Refer to “Pattern 1”
1789H	－	5	2 input calculation, Totalized value display custom unit 3rd character.	2	R/W	※Refer to “Pattern 1”
178AH	－	5	2 input calculation, Totalized value display custom unit 4th character.	2	R/W	※Refer to “Pattern 1”
178BH	－	5	2 input calculation, Totalized value display custom unit 5th character.	2	R/W	※Refer to “Pattern 1”
178CH	－	5	2 input calculation, Totalized value display custom unit 6th character.	2	R/W	※Refer to “Pattern 1”
178DH	－	5	2 input calculation, Totalized value overrun count.	2	R/W	※Refer to “Pattern 1”
178EH ～ 1797H	～	～	Reserve	～	～	
1798H	－	6	2 input calculation, expression for instantaneous value.	2	R/W	※Refer to “Pattern 1”
1799H	－	6	2 input calculation, instantaneous value decimal point position.	2	R/W	※Refer to “Pattern 1”
179AH	－	6	2 input calculation, instantaneous value display unit.	2	R/W	※Refer to “Pattern 1”
179BH	－	6	2 input calculation, instantaneous value display custom unit 1st character.	2	R/W	※Refer to “Pattern 1”
179CH	－	6	2 input calculation, instantaneous value display custom unit 2nd character.	2	R/W	※Refer to “Pattern 1”
179DH	－	6	2 input calculation, instantaneous value display custom unit 3rd character.	2	R/W	※Refer to “Pattern 1”
179EH	－	6	2 input calculation, instantaneous value display custom unit 4th character.	2	R/W	※Refer to “Pattern 1”
179FH	－	6	2 input calculation, instantaneous value display custom unit 5th character.	2	R/W	※Refer to “Pattern 1”
17A0H	－	6	2 input calculation, instantaneous value display custom unit 6th character.	2	R/W	※Refer to “Pattern 1”
17A1H	－	6	2 input calculation, instantaneous value display step.	2	R/W	※Refer to “Pattern 1”
17A2H	－	6	2 input calculation, expression for totalized value.	2	R/W	※Refer to “Pattern 1”
17A3H	－	6	2 input calculation, totalized value decimal point position.	2	R/W	※Refer to “Pattern 1”
17A4H	－	6	2 input calculation, Totalized value display unit.	2	R/W	※Refer to “Pattern 1”
17A5H	－	6	2 input calculation, Totalized value display custom unit 1st character.	2	R/W	※Refer to “Pattern 1”
17A6H	－	6	2 input calculation, Totalized value display custom unit 2nd character.	2	R/W	※Refer to “Pattern 1”
17A7H	－	6	2 input calculation, Totalized value display custom unit 3rd character.	2	R/W	※Refer to “Pattern 1”
17A8H	－	6	2 input calculation, Totalized value display	2	R/W	※Refer to “Pattern 1”

			custom unit 4th character.			
17A9H	－	6	2 input calculation, Totalized value display custom unit 5th character.	2	R/W	※Refer to “Pattern 1”
17AAH	－	6	2 input calculation, Totalized value display custom unit 6th character.	2	R/W	※Refer to “Pattern 1”
17ABH	－	6	2 input calculation, Totalized value overrun count.	2	R/W	※Refer to “Pattern 1”
17ACH ～ 17B5H	～	～	Reserve	～	～	
17B6H	－	7	2 input calculation, expression for instantaneous value.	2	R/W	※Refer to “Pattern 1”
17B7H	－	7	2 input calculation, instantaneous value decimal point position.	2	R/W	※Refer to “Pattern 1”
17B8H	－	7	2 input calculation, instantaneous value display unit.	2	R/W	※Refer to “Pattern 1”
17B9H	－	7	2 input calculation, instantaneous value display custom unit 1st character.	2	R/W	※Refer to “Pattern 1”
17BAH	－	7	2 input calculation, instantaneous value display custom unit 2nd character.	2	R/W	※Refer to “Pattern 1”
17BBH	－	7	2 input calculation, instantaneous value display custom unit 3rd character.	2	R/W	※Refer to “Pattern 1”
17BCH	－	7	2 input calculation, instantaneous value display custom unit 4th character.	2	R/W	※Refer to “Pattern 1”
17BDH	－	7	2 input calculation, instantaneous value display custom unit 5th character.	2	R/W	※Refer to “Pattern 1”
17BEH	－	7	2 input calculation, instantaneous value display custom unit 6th character.	2	R/W	※Refer to “Pattern 1”
17BFH	－	7	2 input calculation, instantaneous value display step.	2	R/W	※Refer to “Pattern 1”
17C0H	－	7	2 input calculation, expression for totalized value.	2	R/W	※Refer to “Pattern 1”
17C1H	－	7	2 input calculation, totalized value decimal point position.	2	R/W	※Refer to “Pattern 1”
17C2H	－	7	2 input calculation, Totalized value display unit.	2	R/W	※Refer to “Pattern 1”
17C3H	－	7	2 input calculation, Totalized value display custom unit 1st character.	2	R/W	※Refer to “Pattern 1”
17C4H	－	7	2 input calculation, Totalized value display custom unit 2nd character.	2	R/W	※Refer to “Pattern 1”
17C5H	－	7	2 input calculation, Totalized value display custom unit 3rd character.	2	R/W	※Refer to “Pattern 1”
17C6H	－	7	2 input calculation, Totalized value display custom unit 4th character.	2	R/W	※Refer to “Pattern 1”
17C7H	－	7	2 input calculation, Totalized value display custom unit 5th character.	2	R/W	※Refer to “Pattern 1”
17C8H	－	7	2 input calculation, Totalized value display custom unit 6th character.	2	R/W	※Refer to “Pattern 1”
17C9H	－	7	2 input calculation, Totalized value overrun count.	2	R/W	※Refer to “Pattern 1”
17ACH ～ 17D3H	～	～	Reserve	～	～	
17D4H	－	8	2 input calculation, expression for instantaneous value.	2	R/W	※Refer to “Pattern 1”
17D5H	－	8	2 input calculation, instantaneous value decimal point position.	2	R/W	※Refer to “Pattern 1”
17D6H	－	8	2 input calculation, instantaneous value display unit.	2	R/W	※Refer to “Pattern 1”
17D7H	－	8	2 input calculation, instantaneous value display custom unit 1st character.	2	R/W	※Refer to “Pattern 1”
17D8H	－	8	2 input calculation, instantaneous value display custom unit 2nd character.	2	R/W	※Refer to “Pattern 1”
17D9H	－	8	2 input calculation, instantaneous value display custom unit 3rd character.	2	R/W	※Refer to “Pattern 1”
17DAH	－	8	2 input calculation, instantaneous value display custom unit 4th character.	2	R/W	※Refer to “Pattern 1”
17DBH	－	8	2 input calculation, instantaneous value	2	R/W	※Refer to “Pattern 1”

			display custom unit 5th character.			
17DCH	－	8	2 input calculation, instantaneous value display custom unit 6th character.	2	R/W	※Refer to “Pattern 1”
17DDH	－	8	2 input calculation, instantaneous value display step.	2	R/W	※Refer to “Pattern 1”
17DEH	－	8	2 input calculation, expression for totalized value.	2	R/W	※Refer to “Pattern 1”
17DFH	－	8	2 input calculation, totalized value decimal point position.	2	R/W	※Refer to “Pattern 1”
17E0H	－	8	2 input calculation, Totalized value display unit.	2	R/W	※Refer to “Pattern 1”
17E1H	－	8	2 input calculation, Totalized value display custom unit 1st character.	2	R/W	※Refer to “Pattern 1”
17E2H	－	8	2 input calculation, Totalized value display custom unit 2nd character.	2	R/W	※Refer to “Pattern 1”
17E3H	－	8	2 input calculation, Totalized value display custom unit 3rd character.	2	R/W	※Refer to “Pattern 1”
17E4H	－	8	2 input calculation, Totalized value display custom unit 4th character.	2	R/W	※Refer to “Pattern 1”
17E5H	－	8	2 input calculation, Totalized value display custom unit 5th character.	2	R/W	※Refer to “Pattern 1”
17E6H	－	8	2 input calculation, Totalized value display custom unit 6th character.	2	R/W	※Refer to “Pattern 1”
17E7H	－	8	2 input calculation, Totalized value overrun count.	2	R/W	※Refer to “Pattern 1”
17E8H ～ 17F1H	～	～	Reserve	～	～	

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17F2H	－	－	ExtCtrl1Func	2	R/W	0000H：None、 0001H：CompareReset、 0002H：TotalResetA ※2、 0003H：TotalResetB ※1, 2、 0004H：TotalResetA&B ※1, 2、 0005H：MeasureBlockA、 0006H：MeasureBlockB ※1、 0007H：MeasureBlockA&B ※1、 0008H：DispHoldA、 0009H：DispHoldB ※1、 000AH：DispHoldA&B ※1、 000BH：MaxHoldA、 000CH：MaxHoldB ※1、 000DH：MaxHoldA&B ※1、 000EH：MinHoldA、 000FH：MinHoldB ※1、 0010H：MinHoldA&B ※1、 0011H：MonitorChange、 0012H：TrendHold、 0013H：PatternChange1、 0014H：PatternChange 2、 0015H：PatternChange 3、 0016H：Digital zero A ※3、 0017H：Digital zero B ※1 ※4、 0018H：Digital zero A&B ※1 ※5、 ※1 When input Bch is none, the setting is not available. ※2 In the case of “WPMZ-5”, the setting is not available. ※3 In case of input Ach is other than ″analog input″, the setting is not available ※4 In case of input Bch is other than ″analog input″, the setting is not available. ※5 In case of input Ach and Bch are other than ″analog input″, the setting is not available.
17F3H	－	－	ExtCtrl2Func	2	R/W	※Refer to ExtCtrl1Func
17F4H	－	－	ExtCtrl3Func	2	R/W	※Refer to ExtCtrl1Func

17F5H	－	－	ExtCtrl4Func	2	R/W	※Refer to ExtCtrl1Func
17F6H	－	－	ExtCtrl5Func	2	R/W	※Refer to ExtCtrl1Func
17F7H ～ 17FBH	～	～	Reserve	～	～	

17FCH	AL1	1	OutputDispValue	2	R/W	0000H：None、 0001H：InsA 0002H：InsB ※1、 0003H：InsCalc ※1、 0004H：TotA ※2、 0005H：TotB ※1, 2、 0006H：TotCalc ※1, 2 ※1 When input chB is none, the setting is not available. ※2 In the case of “WPMZ5”, the setting is not available.
17FDH	AL1	1	CompareMode	2	R/W	0000H：LevelJudge、 0001H：ZoneJudge
17FEH	AL1	1	OnConditions－LevelJudge	2	R/W	0000H：Excess、0001H：LessThan
17FFH	AL1	1	Threshold－LevelJudge	4	R/W	-999,999～999,999
1801H	AL1	1	Hysteresis－LevelJudge	4	R/W	0～999,999
1803H	AL1	1	OnConditions－ZoneJudge	2	R/W	0000H：InTheZone、 0001H：OutsideTheZone
1804H	AL1	1	Zone upper limit－ZoneJudge	4	R/W	-999,999～999,999
1806H	AL1	1	Zone lower limit－ZoneJudge	4	R/W	-999,999～999,999
1808H	AL1	1	Hysteresis－ZoneJudge	4	R/W	0～999,999
180AH	AL1	1	OnDelay	2	R/W	0000H：None、0001H：20ms、 0002H：50ms、0003H：100ms、 0004H：200ms、0005H：500ms、 0006H：1s、0007H：5s、 0008H：10s、0009H：20s
180BH	AL1	1	OffDelay	2	R/W	0000H：None、0001H：20ms、 0002H：50ms、0003H：100ms、 0004H：200ms、0005H：500ms、 0006H：1s、0007H：5s、 0008H：10s、0009H：20s
180CH	AL1	1	OutputMode	2	R/W	0000H：Normal、0001H：Latch、 0002H：OneShot5ms、 0003H：OneShot 10ms、 0004H：OneShot 20ms、 0005H：OneShot 50ms、 0006H：OneShot 0.1s、 0007H：OneShot 0.2s、 0008H：OneShot 0.5s、 0009H：OneShot 1s、 000AH：OneShot 2s
180DH	AL1	1	OutputLogic	2	R/W	0000H：Positive(NC)、0001H：Negative(NO) (NC/NO are for relay output product)
180EH	AL1	1	OnBgColors	2	R/W	0000H：Black、0001H：Red、 0002H：Yellow、0003H：Green
180FH ～ 181BH	～	～	Reserve	～	～	
181AH	AL1	2	OutputDispValue	2	R/W	※Refer to Pattern1
181BH	AL1	2	CompareMode	2	R/W	※Refer to Pattern1
181CH	AL1	2	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
181DH	AL1	2	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
181FH	AL1	2	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1821H	AL1	2	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1822H	AL1	2	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1824H	AL1	2	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1826H	AL1	2	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1828H	AL1	2	OnDelay	2	R/W	※Refer to Pattern1
1829H	AL1	2	OffDelay	2	R/W	※Refer to Pattern1
182AH	AL1	2	OutputMode	2	R/W	※Refer to Pattern1
182BH	AL1	2	OutputLogic	2	R/W	※Refer to Pattern1

182CH	AL1	2	OnBgColors	2	R/W	※Refer to Pattern1
182DH ～ 1837H	～	～	Reserve	～	～	
1838H	AL1	3	OutputDispValue	2	R/W	※Refer to Pattern1
1839H	AL1	3	CompareMode	2	R/W	※Refer to Pattern1
183AH	AL1	3	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
183BH	AL1	3	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
183DH	AL1	3	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
183FH	AL1	3	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1840H	AL1	3	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1842H	AL1	3	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1844H	AL1	3	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1846H	AL1	3	OnDelay	2	R/W	※Refer to Pattern1
1847H	AL1	3	OffDelay	2	R/W	※Refer to Pattern1
1848H	AL1	3	OutputMode	2	R/W	※Refer to Pattern1
1849H	AL1	3	OutputLogic	2	R/W	※Refer to Pattern1
184AH	AL1	3	OnBgColors	2	R/W	※Refer to Pattern1
184BH ～ 1855H	～	～	Reserve	～	～	
1856H	AL1	4	OutputDispValue	2	R/W	※Refer to Pattern1
1857H	AL1	4	CompareMode	2	R/W	※Refer to Pattern1
1858H	AL1	4	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1859H	AL1	4	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
185BH	AL1	4	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
185DH	AL1	4	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
185EH	AL1	4	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1860H	AL1	4	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1862H	AL1	4	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1864H	AL1	4	OnDelay	2	R/W	※Refer to Pattern1
1865H	AL1	4	OffDelay	2	R/W	※Refer to Pattern1
1866H	AL1	4	OutputMode	2	R/W	※Refer to Pattern1
1867H	AL1	4	OutputLogic	2	R/W	※Refer to Pattern1
1868H	AL1	4	OnBgColors	2	R/W	※Refer to Pattern1
1867H ～ 1873H	～	～	Reserve	～	～	
1874H	AL1	5	OutputDispValue	2	R/W	※Refer to Pattern1
1875H	AL1	5	CompareMode	2	R/W	※Refer to Pattern1
1876H	AL1	5	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1877H	AL1	5	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1879H	AL1	5	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
187BH	AL1	5	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
187CH	AL1	5	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
187EH	AL1	5	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1880H	AL1	5	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1882H	AL1	5	OnDelay	2	R/W	※Refer to Pattern1
1883H	AL1	5	OffDelay	2	R/W	※Refer to Pattern1
1884H	AL1	5	OutputMode	2	R/W	※Refer to Pattern1
1885H	AL1	5	OutputLogic	2	R/W	※Refer to Pattern1
1886H	AL1	5	OnBgColors	2	R/W	※Refer to Pattern1
1887H ～ 1891H	～	～	Reserve	～	～	
1892H	AL1	6	OutputDispValue	2	R/W	※Refer to Pattern1
1893H	AL1	6	CompareMode	2	R/W	※Refer to Pattern1
1894H	AL1	6	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1895H	AL1	6	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1897H	AL1	6	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1899H	AL1	6	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
189AH	AL1	6	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
189CH	AL1	6	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
189EH	AL1	6	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
18A0H	AL1	6	OnDelay	2	R/W	※Refer to Pattern1
18A1H	AL1	6	OffDelay	2	R/W	※Refer to Pattern1

18A2H	AL1	6	OutputMode	2	R/W	※Refer to Pattern1
18A3H	AL1	6	OutputLogic	2	R/W	※Refer to Pattern1
18A4H	AL1	6	OnBgColors	2	R/W	※Refer to Pattern1
18A5H ～ 18AFH	～	～	Reserve	～	～	
18B0H	AL1	7	OutputDispValue	2	R/W	※Refer to Pattern1
18B1H	AL1	7	CompareMode	2	R/W	※Refer to Pattern1
18B2H	AL1	7	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
18B3H	AL1	7	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
18B5H	AL1	7	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
18B7H	AL1	7	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
18B8H	AL1	7	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
18BAH	AL1	7	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
18BCH	AL1	7	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
18BEH	AL1	7	OnDelay	2	R/W	※Refer to Pattern1
18BFH	AL1	7	OffDelay	2	R/W	※Refer to Pattern1
18C0H	AL1	7	OutputMode	2	R/W	※Refer to Pattern1
18C1H	AL1	7	OutputLogic	2	R/W	※Refer to Pattern1
18C2H	AL1	7	OnBgColors	2	R/W	※Refer to Pattern1
18C3H ～ 18CDH	～	～	Reserve	～	～	
18CEH	AL1	8	OutputDispValue	2	R/W	※Refer to Pattern1
18CFH	AL1	8	CompareMode	2	R/W	※Refer to Pattern1
18D0H	AL1	8	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
18D1H	AL1	8	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
18D3H	AL1	8	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
18D5H	AL1	8	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
18D6H	AL1	8	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
18D8H	AL1	8	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
18DAH	AL1	8	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
18DCH	AL1	8	OnDelay	2	R/W	※Refer to Pattern1
18DDH	AL1	8	OffDelay	2	R/W	※Refer to Pattern1
18DEH	AL1	8	OutputMode	2	R/W	※Refer to Pattern1
18DFH	AL1	8	OutputLogic	2	R/W	※Refer to Pattern1
18E0H	AL1	8	OnBgColors	2	R/W	※Refer to Pattern1
18E1H ～ 18EBH	～	～	Reserve	～	～	

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18ECH	AL2	1	OutputDispValue	2	R/W	※Refer to Pattern1
18EDH	AL2	1	CompareMode	2	R/W	※Refer to Pattern1
18EEH	AL2	1	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
18EFH	AL2	1	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
18F1H	AL2	1	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
18F3H	AL2	1	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
18F4H	AL2	1	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
18F6H	AL2	1	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
18F8H	AL2	1	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
18FAH	AL2	1	OnDelay	2	R/W	※Refer to Pattern1
18FBH	AL2	1	OffDelay	2	R/W	※Refer to Pattern1
18FCH	AL2	1	OutputMode	2	R/W	※Refer to Pattern1
18FDH	AL2	1	OutputLogic	2	R/W	※Refer to Pattern1
18FEH	AL2	1	OnBgColors	2	R/W	※Refer to Pattern1
18FFH ～ 1909H	～	～	Reserve	～	～	
190AH	AL2	2	OutputDispValue	2	R/W	※Refer to Pattern1
190BH	AL2	2	CompareMode	2	R/W	※Refer to Pattern1
190CH	AL2	2	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
190DH	AL2	2	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
190FH	AL2	2	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1911H	AL2	2	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1912H	AL2	2	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1914H	AL2	2	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1

1916H	AL2	2	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1918H	AL2	2	OnDelay	2	R/W	※Refer to Pattern1
1919H	AL2	2	OffDelay	2	R/W	※Refer to Pattern1
191AH	AL2	2	OutputMode	2	R/W	※Refer to Pattern1
191BH	AL2	2	OutputLogic	2	R/W	※Refer to Pattern1
191CH	AL2	2	OnBgColors	2	R/W	※Refer to Pattern1
191DH ～ 1927H	～	～	Reserve	～	～	
1928H	AL2	3	OutputDispValue	2	R/W	※Refer to Pattern1
1929H	AL2	3	CompareMode	2	R/W	※Refer to Pattern1
192AH	AL2	3	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
192BH	AL2	3	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
192DH	AL2	3	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
192FH	AL2	3	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1930H	AL2	3	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1932H	AL2	3	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1934H	AL2	3	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1936H	AL2	3	OnDelay	2	R/W	※Refer to Pattern1
1937H	AL2	3	OffDelay	2	R/W	※Refer to Pattern1
1938H	AL2	3	OutputMode	2	R/W	※Refer to Pattern1
1939H	AL2	3	OutputLogic	2	R/W	※Refer to Pattern1
193AH	AL2	3	OnBgColors	2	R/W	※Refer to Pattern1
193BH ～ 1945H	～	～	Reserve	～	～	
1946H	AL2	4	OutputDispValue	2	R/W	※Refer to Pattern1
1947H	AL2	4	CompareMode	2	R/W	※Refer to Pattern1
1948H	AL2	4	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1949H	AL2	4	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
194BH	AL2	4	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
194DH	AL2	4	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
194EH	AL2	4	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1950H	AL2	4	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1952H	AL2	4	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1954H	AL2	4	OnDelay	2	R/W	※Refer to Pattern1
1955H	AL2	4	OffDelay	2	R/W	※Refer to Pattern1
1956H	AL2	4	OutputMode	2	R/W	※Refer to Pattern1
1957H	AL2	4	OutputLogic	2	R/W	※Refer to Pattern1
1958H	AL2	4	OnBgColors	2	R/W	※Refer to Pattern1
1959H ～ 1963H	～	～	Reserve	～	～	
1964H	AL2	5	OutputDispValue	2	R/W	※Refer to Pattern1
1965H	AL2	5	CompareMode	2	R/W	※Refer to Pattern1
1966H	AL2	5	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1967H	AL2	5	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1969H	AL2	5	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
196BH	AL2	5	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
196CH	AL2	5	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
196EH	AL2	5	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1970H	AL2	5	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1972H	AL2	5	OnDelay	2	R/W	※Refer to Pattern1
1973H	AL2	5	OffDelay	2	R/W	※Refer to Pattern1
1974H	AL2	5	OutputMode	2	R/W	※Refer to Pattern1
1975H	AL2	5	OutputLogic	2	R/W	※Refer to Pattern1
1976H	AL2	5	OnBgColors	2	R/W	※Refer to Pattern1
1977H ～ 1981H	～	～	Reserve	～	～	
1982H	AL2	6	OutputDispValue	2	R/W	※Refer to Pattern1
1983H	AL2	6	CompareMode	2	R/W	※Refer to Pattern1
1984H	AL2	6	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1985H	AL2	6	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1987H	AL2	6	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1989H	AL2	6	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1

198AH	AL2	6	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
198CH	AL2	6	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
198EH	AL2	6	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1990H	AL2	6	OnDelay	2	R/W	※Refer to Pattern1
1991H	AL2	6	OffDelay	2	R/W	※Refer to Pattern1
1992H	AL2	6	OutputMode	2	R/W	※Refer to Pattern1
1993H	AL2	6	OutputLogic	2	R/W	※Refer to Pattern1
1994H	AL2	6	OnBgColors	2	R/W	※Refer to Pattern1
1995H ～ 199FH	～	～	Reserve	～	～	
19A0H	AL2	7	OutputDispValue	2	R/W	※Refer to Pattern1
19A1H	AL2	7	CompareMode	2	R/W	※Refer to Pattern1
19A2H	AL2	7	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
19A3H	AL2	7	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
19A5H	AL2	7	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
19A7H	AL2	7	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
19A8H	AL2	7	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
19AAH	AL2	7	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
19ACH	AL2	7	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
19AEH	AL2	7	OnDelay	2	R/W	※Refer to Pattern1
19AFH	AL2	7	OffDelay	2	R/W	※Refer to Pattern1
19B0H	AL2	7	OutputMode	2	R/W	※Refer to Pattern1
19B1H	AL2	7	OutputLogic	2	R/W	※Refer to Pattern1
19B2H	AL2	7	OnBgColors	2	R/W	※Refer to Pattern1
19B3H ～ 19BDH	～	～	Reserve	～	～	
19BEH	AL2	8	OutputDispValue	2	R/W	※Refer to Pattern1
19BFH	AL2	8	CompareMode	2	R/W	※Refer to Pattern1
19C0H	AL2	8	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
19C1H	AL2	8	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
19C3H	AL2	8	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
19C5H	AL2	8	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
19C6H	AL2	8	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
19C8H	AL2	8	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
19CAH	AL2	8	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
19CCH	AL2	8	OnDelay	2	R/W	※Refer to Pattern1
19CDH	AL2	8	OffDelay	2	R/W	※Refer to Pattern1
19CEH	AL2	8	OutputMode	2	R/W	※Refer to Pattern1
19CFH	AL2	8	OutputLogic	2	R/W	※Refer to Pattern1
19D0H	AL2	8	OnBgColors	2	R/W	※Refer to Pattern1
19D1H ～ 19DBH	～	～	Reserve	～	～	

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19DCH	AL3	1	OutputDispValue	2	R/W	※Refer to Pattern1
19DDH	AL3	1	CompareMode	2	R/W	※Refer to Pattern1
19DEH	AL3	1	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
19DFH	AL3	1	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
19E1H	AL3	1	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
19E3H	AL3	1	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
19E4H	AL3	1	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
19E6H	AL3	1	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
19E8H	AL3	1	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
19EAH	AL3	1	OnDelay	2	R/W	※Refer to Pattern1
19EBH	AL3	1	OffDelay	2	R/W	※Refer to Pattern1
19ECH	AL3	1	OutputMode	2	R/W	※Refer to Pattern1
19EDH	AL3	1	OutputLogic	2	R/W	※Refer to Pattern1
19EEH	AL3	1	OnBgColors	2	R/W	※Refer to Pattern1
19EFH ～ 19F9H	～	～	Reserve	～	～	
19FAH	AL3	2	OutputDispValue	2	R/W	※Refer to Pattern1
19FBH	AL3	2	CompareMode	2	R/W	※Refer to Pattern1
19FCH	AL3	2	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1

19FDH	AL3	2	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
19FFH	AL3	2	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1A01H	AL3	2	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1A02H	AL3	2	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1A04H	AL3	2	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1A06H	AL3	2	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1A08H	AL3	2	OnDelay	2	R/W	※Refer to Pattern1
1A09H	AL3	2	OffDelay	2	R/W	※Refer to Pattern1
1A0AH	AL3	2	OutputMode	2	R/W	※Refer to Pattern1
1A0BH	AL3	2	OutputLogic	2	R/W	※Refer to Pattern1
1A0CH	AL3	2	OnBgColors	2	R/W	※Refer to Pattern1
1A0DH ～ 1A17H	～	～	Reserve	～	～	
1A18H	AL3	3	OutputDispValue	2	R/W	※Refer to Pattern1
1A19H	AL3	3	CompareMode	2	R/W	※Refer to Pattern1
1A1AH	AL3	3	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1A1BH	AL3	3	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1A1DH	AL3	3	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1A1FH	AL3	3	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1A20H	AL3	3	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1A22H	AL3	3	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1A24H	AL3	3	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1A26H	AL3	3	OnDelay	2	R/W	※Refer to Pattern1
1A27H	AL3	3	OffDelay	2	R/W	※Refer to Pattern1
1A28H	AL3	3	OutputMode	2	R/W	※Refer to Pattern1
1A29H	AL3	3	OutputLogic	2	R/W	※Refer to Pattern1
1A2AH	AL3	3	OnBgColors	2	R/W	※Refer to Pattern1
1A2BH ～ 1A35H	～	～	Reserve	～	～	
1A36H	AL3	4	OutputDispValue	2	R/W	※Refer to Pattern1
1A37H	AL3	4	CompareMode	2	R/W	※Refer to Pattern1
1A38H	AL3	4	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1A39H	AL3	4	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1A3BH	AL3	4	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1A3DH	AL3	4	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1A3EH	AL3	4	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1A40H	AL3	4	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1A42H	AL3	4	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1A44H	AL3	4	OnDelay	2	R/W	※Refer to Pattern1
1A45H	AL3	4	OffDelay	2	R/W	※Refer to Pattern1
1A46H	AL3	4	OutputMode	2	R/W	※Refer to Pattern1
1A47H	AL3	4	OutputLogic	2	R/W	※Refer to Pattern1
1A48H	AL3	4	OnBgColors	2	R/W	※Refer to Pattern1
1A49H ～ 1A53H	～	～	Reserve	～	～	
1A54H	AL3	5	OutputDispValue	2	R/W	※Refer to Pattern1
1A55H	AL3	5	CompareMode	2	R/W	※Refer to Pattern1
1A56H	AL3	5	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1A57H	AL3	5	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1A59H	AL3	5	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1A5BH	AL3	5	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1A5CH	AL3	5	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1A5EH	AL3	5	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1A60H	AL3	5	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1A62H	AL3	5	OnDelay	2	R/W	※Refer to Pattern1
1A63H	AL3	5	OffDelay	2	R/W	※Refer to Pattern1
1A64H	AL3	5	OutputMode	2	R/W	※Refer to Pattern1
1A65H	AL3	5	OutputLogic	2	R/W	※Refer to Pattern1
1A66H	AL3	5	OnBgColors	2	R/W	※Refer to Pattern1
1A67H ～ 1A71H	～	～	Reserve	～	～	
1A72H	AL3	6	OutputDispValue	2	R/W	※Refer to Pattern1

1A73H	AL3	6	CompareMode	2	R/W	※Refer to Pattern1
1A74H	AL3	6	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1A75H	AL3	6	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1A77H	AL3	6	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1A79H	AL3	6	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1A7AH	AL3	6	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1A7CH	AL3	6	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1A7EH	AL3	6	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1A80H	AL3	6	OnDelay	2	R/W	※Refer to Pattern1
1A81H	AL3	6	OffDelay	2	R/W	※Refer to Pattern1
1A82H	AL3	6	OutputMode	2	R/W	※Refer to Pattern1
1A83H	AL3	6	OutputLogic	2	R/W	※Refer to Pattern1
1A84H	AL3	6	OnBgColors	2	R/W	※Refer to Pattern1
1A85H ～ 1A8FH	～	～	Reserve	～	～	
1A90H	AL3	7	OutputDispValue	2	R/W	※Refer to Pattern1
1A91H	AL3	7	CompareMode	2	R/W	※Refer to Pattern1
1A92H	AL3	7	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1A93H	AL3	7	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1A95H	AL3	7	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1A97H	AL3	7	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1A98H	AL3	7	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1A9AH	AL3	7	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1A9CH	AL3	7	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1A9EH	AL3	7	OnDelay	2	R/W	※Refer to Pattern1
1A9FH	AL3	7	OffDelay	2	R/W	※Refer to Pattern1
1AA0H	AL3	7	OutputMode	2	R/W	※Refer to Pattern1
1AA1H	AL3	7	OutputLogic	2	R/W	※Refer to Pattern1
1AA2H	AL3	7	OnBgColors	2	R/W	※Refer to Pattern1
1AA3H ～ 1AADH	～	～	Reserve	～	～	
1AAEH	AL3	8	OutputDispValue	2	R/W	※Refer to Pattern1
1AAFH	AL3	8	CompareMode	2	R/W	※Refer to Pattern1
1AB0H	AL3	8	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1AB1H	AL3	8	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1AB3H	AL3	8	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1AB5H	AL3	8	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1AB6H	AL3	8	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1AB8H	AL3	8	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1ABAH	AL3	8	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1ABCH	AL3	8	OnDelay	2	R/W	※Refer to Pattern1
1ABDH	AL3	8	OffDelay	2	R/W	※Refer to Pattern1
1ABEH	AL3	8	OutputMode	2	R/W	※Refer to Pattern1
1ABFH	AL3	8	OutputLogic	2	R/W	※Refer to Pattern1
1AC0H	AL3	8	OnBgColors	2	R/W	※Refer to Pattern1
1AC1H ～ 1ACBH	～	～	Reserve	～	～	

1ACCH	AL4	1	OutputDispValue	2	R/W	※Refer to Pattern1
1ACDH	AL4	1	CompareMode	2	R/W	※Refer to Pattern1
1ACEH	AL4	1	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1ACFH	AL4	1	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1AD1H	AL4	1	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1AD3H	AL4	1	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1AD4H	AL4	1	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1AD6H	AL4	1	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1AD8H	AL4	1	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1ADAH	AL4	1	OnDelay	2	R/W	※Refer to Pattern1
1ADBH	AL4	1	OffDelay	2	R/W	※Refer to Pattern1
1ADCH	AL4	1	OutputMode	2	R/W	※Refer to Pattern1
1ADDH	AL4	1	OutputLogic	2	R/W	※Refer to Pattern1
1ADEH	AL4	1	OnBgColors	2	R/W	※Refer to Pattern1
1ADFH	～	～	Reserve	～	～	

～ 1AE9H						
1AEAH	AL4	2	OutputDispValue	2	R/W	※Refer to Pattern1
1AEBH	AL4	2	CompareMode	2	R/W	※Refer to Pattern1
1AECH	AL4	2	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1AEDH	AL4	2	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1AEFH	AL4	2	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1AF1H	AL4	2	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1AF2H	AL4	2	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1AF4H	AL4	2	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1AF6H	AL4	2	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1AF8H	AL4	2	OnDelay	2	R/W	※Refer to Pattern1
1AF9H	AL4	2	OffDelay	2	R/W	※Refer to Pattern1
1AFAH	AL4	2	OutputMode	2	R/W	※Refer to Pattern1
1AFBH	AL4	2	OutputLogic	2	R/W	※Refer to Pattern1
1AFCH	AL4	2	OnBgColors	2	R/W	※Refer to Pattern1
1AFDH ～ 1B07H	～	～	Reserve	～	～	
1B08H	AL4	3	OutputDispValue	2	R/W	※Refer to Pattern1
1B09H	AL4	3	CompareMode	2	R/W	※Refer to Pattern1
1B0AH	AL4	3	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1B0BH	AL4	3	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1B0DH	AL4	3	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1B0FH	AL4	3	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1B10H	AL4	3	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1B12H	AL4	3	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1B14H	AL4	3	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1B16H	AL4	3	OnDelay	2	R/W	※Refer to Pattern1
1B17H	AL4	3	OffDelay	2	R/W	※Refer to Pattern1
1B18H	AL4	3	OutputMode	2	R/W	※Refer to Pattern1
1B19H	AL4	3	OutputLogic	2	R/W	※Refer to Pattern1
1B1AH	AL4	3	OnBgColors	2	R/W	※Refer to Pattern1
1B1BH ～ 1B25H	～	～	Reserve	～	～	
1B26H	AL4	4	OutputDispValue	2	R/W	※Refer to Pattern1
1B27H	AL4	4	CompareMode	2	R/W	※Refer to Pattern1
1B28H	AL4	4	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1B29H	AL4	4	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1B2BH	AL4	4	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1B2DH	AL4	4	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1B2EH	AL4	4	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1B30H	AL4	4	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1B32H	AL4	4	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1B34H	AL4	4	OnDelay	2	R/W	※Refer to Pattern1
1B35H	AL4	4	OffDelay	2	R/W	※Refer to Pattern1
1B36H	AL4	4	OutputMode	2	R/W	※Refer to Pattern1
1B37H	AL4	4	OutputLogic	2	R/W	※Refer to Pattern1
1B38H	AL4	4	OnBgColors	2	R/W	※Refer to Pattern1
1B39H ～ 1B43H	～	～	Reserve	～	～	
1B44H	AL4	5	OutputDispValue	2	R/W	※Refer to Pattern1
1B45H	AL4	5	CompareMode	2	R/W	※Refer to Pattern1
1B46H	AL4	5	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1B47H	AL4	5	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1B49H	AL4	5	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1B4BH	AL4	5	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1B4CH	AL4	5	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1B4EH	AL4	5	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1B50H	AL4	5	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1B52H	AL4	5	OnDelay	2	R/W	※Refer to Pattern1
1B53H	AL4	5	OffDelay	2	R/W	※Refer to Pattern1
1B54H	AL4	5	OutputMode	2	R/W	※Refer to Pattern1
1B55H	AL4	5	OutputLogic	2	R/W	※Refer to Pattern1

1B56H	AL4	5	OnBgColors	2	R/W	※Refer to Pattern1
1B57H ～ 1B61H	～	～	Reserve	～	～	
1B62H	AL4	6	OutputDispValue	2	R/W	※Refer to Pattern1
1B63H	AL4	6	CompareMode	2	R/W	※Refer to Pattern1
1B64H	AL4	6	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1B65H	AL4	6	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1B67H	AL4	6	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1B69H	AL4	6	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1B6AH	AL4	6	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1B6CH	AL4	6	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1B6EH	AL4	6	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1B70H	AL4	6	OnDelay	2	R/W	※Refer to Pattern1
1B71H	AL4	6	OffDelay	2	R/W	※Refer to Pattern1
1B72H	AL4	6	OutputMode	2	R/W	※Refer to Pattern1
1B73H	AL4	6	OutputLogic	2	R/W	※Refer to Pattern1
1B74H	AL4	6	OnBgColors	2	R/W	※Refer to Pattern1
1B75H ～ 1B7FH	～	～	Reserve	～	～	
1B80H	AL4	7	OutputDispValue	2	R/W	※Refer to Pattern1
1B81H	AL4	7	CompareMode	2	R/W	※Refer to Pattern1
1B82H	AL4	7	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1B83H	AL4	7	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1B85H	AL4	7	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1B87H	AL4	7	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1B88H	AL4	7	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1B8AH	AL4	7	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1B8CH	AL4	7	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1B8EH	AL4	7	OnDelay	2	R/W	※Refer to Pattern1
1B8FH	AL4	7	OffDelay	2	R/W	※Refer to Pattern1
1B90H	AL4	7	OutputMode	2	R/W	※Refer to Pattern1
1B91H	AL4	7	OutputLogic	2	R/W	※Refer to Pattern1
1B92H	AL4	7	OnBgColors	2	R/W	※Refer to Pattern1
1B93H ～ 1B9DH	～	～	Reserve	～	～	
1B9EH	AL4	8	OutputDispValue	2	R/W	※Refer to Pattern1
1B9FH	AL4	8	CompareMode	2	R/W	※Refer to Pattern1
1BA0H	AL4	8	OnConditions－LevelJudge	2	R/W	※Refer to Pattern1
1BA1H	AL4	8	Threshold－LevelJudge	4	R/W	※Refer to Pattern1
1BA3H	AL4	8	Hysteresis－LevelJudge	4	R/W	※Refer to Pattern1
1BA5H	AL4	8	OnConditions－ZoneJudge	2	R/W	※Refer to Pattern1
1BA6H	AL4	8	Zone upper limit－ZoneJudge	4	R/W	※Refer to Pattern1
1BA8H	AL4	8	Zone lower limit－ZoneJudge	4	R/W	※Refer to Pattern1
1BAAH	AL4	8	Hysteresis－ZoneJudge	4	R/W	※Refer to Pattern1
1BACH	AL4	8	OnDelay	2	R/W	※Refer to Pattern1
1BADH	AL4	8	OffDelay	2	R/W	※Refer to Pattern1
1BAEH	AL4	8	OutputMode	2	R/W	※Refer to Pattern1
1BAFH	AL4	8	OutputLogic	2	R/W	※Refer to Pattern1
1BB0H	AL4	8	OnBgColors	2	R/W	※Refer to Pattern1
1BB1H ～ 1BBBH	～	～	Reserve	～	～	

1BBCH	A	1	PulseOutputDispValue	2	R/W	0000H：None、 0001H：TotA、 0002H：TotB ※1、 0003H：TotCalc ※1 ※1 When input chB is none, the setting is not available.
1BBDH	A	1	PulseOutputSyncDigit	2	R/W	0000H：1stDigit、0001H：2ndDigit、 0002H：3rdDigit、0003H：4thDigit、 0004H：5thDigit、0005H：6thDigit
1BBEH	A	1	OutputPulseWidth	2	R/W	0000H：5ms、0001H：10ms、

						0002H：20ms、0003H：50ms、 0004H：100ms、0005H：200ms、 0006H：500ms、0007H：1s、 0008H：2s
1BBFH	A	1	PulseOutputLogic	2	R/W	0000H：Positive、0001H：Negative
1BC0H ～ 1BC5H	～	～	Reserve	～	～	
1BC6H	A	2	PulseOutputDispValue	2	R/W	※Refer to Pattern1
1BC7H	A	2	PulseOutputSyncDigit	2	R/W	※Refer to Pattern1
1BC8H	A	2	OutputPulseWidth	2	R/W	※Refer to Pattern1
1BC9H	A	2	PulseOutputLogic	2	R/W	※Refer to Pattern1
1BCAH ～ 1BCFH	～	～	Reserve	～	～	
1BD0H	A	3	PulseOutputDispValue	2	R/W	※Refer to Pattern1
1BD1H	A	3	PulseOutputSyncDigit	2	R/W	※Refer to Pattern1
1BD2H	A	3	OutputPulseWidth	2	R/W	※Refer to Pattern1
1BD3H	A	3	PulseOutputLogic	2	R/W	※Refer to Pattern1
1BD4H ～ 1BD9H	～	～	Reserve	～	～	
1BDAH	A	4	PulseOutputDispValue	2	R/W	※Refer to Pattern1
1BDBH	A	4	PulseOutputSyncDigit	2	R/W	※Refer to Pattern1
1BDCH	A	4	OutputPulseWidth	2	R/W	※Refer to Pattern1
1BDDH	A	4	PulseOutputLogic	2	R/W	※Refer to Pattern1
1BDEH ～ 1BE3H	～	～	Reserve	～	～	
1BE4H	A	5	PulseOutputDispValue	2	R/W	※Refer to Pattern1
1BE5H	A	5	PulseOutputSyncDigit	2	R/W	※Refer to Pattern1
1BE6H	A	5	OutputPulseWidth	2	R/W	※Refer to Pattern1
1BE7H	A	5	PulseOutputLogic	2	R/W	※Refer to Pattern1
1BE8H ～ 1BEDH	～	～	Reserve	～	～	
1BEEH	A	6	PulseOutputDispValue	2	R/W	※Refer to Pattern1
1BEFH	A	6	PulseOutputSyncDigit	2	R/W	※Refer to Pattern1
1BF0H	A	6	OutputPulseWidth	2	R/W	※Refer to Pattern1
1BF1H	A	6	PulseOutputLogic	2	R/W	※Refer to Pattern1
1BF2H ～ 1BF7H	～	～	Reserve	～	～	
1BF8H	A	7	PulseOutputDispValue	2	R/W	※Refer to Pattern1
1BF9H	A	7	PulseOutputSyncDigit	2	R/W	※Refer to Pattern1
1BFAH	A	7	OutputPulseWidth	2	R/W	※Refer to Pattern1
1BFBH	A	7	PulseOutputLogic	2	R/W	※Refer to Pattern1
1BFCH ～ 1C01H	～	～	Reserve	～	～	
1C02H	A	8	PulseOutputDispValue	2	R/W	※Refer to Pattern1
1C03H	A	8	PulseOutputSyncDigit	2	R/W	※Refer to Pattern1
1C04H	A	8	OutputPulseWidth	2	R/W	※Refer to Pattern1
1C05H	A	8	PulseOutputLogic	2	R/W	※Refer to Pattern1
1C06H ～ 1C0BH	～	～	Reserve	～	～	

1C0CH	B	1	PulseOutputDispValue	2	R/W	※Refer to Pulse OutputA Pattern1
1C0DH	B	1	PulseOutputSyncDigit	2	R/W	※Refer to Pulse OutputA Pattern1
1C0EH	B	1	OutputPulseWidth	2	R/W	※Refer to Pulse OutputA Pattern1
1C0FH	B	1	PulseOutputLogic	2	R/W	※Refer to Pulse OutputA Pattern1
1C10H ～ 1C15H	～	～	Reserve	～	～	

1C16H	B	2	PulseOutputDispValue	2	R/W	※Refer to Pulse OutputA Pattern1
1C17H	B	2	PulseOutputSyncDigit	2	R/W	※Refer to Pulse OutputA Pattern1
1C18H	B	2	OutputPulseWidth	2	R/W	※Refer to Pulse OutputA Pattern1
1C19H	B	2	PulseOutputLogic	2	R/W	※Refer to Pulse OutputA Pattern1
1C1AH ～ 1C1FH	～	～	Reserve	～	～	
1C20H	B	3	PulseOutputDispValue	2	R/W	※Refer to Pulse OutputA Pattern1
1C21H	B	3	PulseOutputSyncDigit	2	R/W	※Refer to Pulse OutputA Pattern1
1C22H	B	3	OutputPulseWidth	2	R/W	※Refer to Pulse OutputA Pattern1
1C23H	B	3	PulseOutputLogic	2	R/W	※Refer to Pulse OutputA Pattern1
1C24H ～ 1C29H	～	～	Reserve	～	～	
1C2AH	B	4	PulseOutputDispValue	2	R/W	※Refer to Pulse OutputA Pattern1
1C2BH	B	4	PulseOutputSyncDigit	2	R/W	※Refer to Pulse OutputA Pattern1
1C2CH	B	4	OutputPulseWidth	2	R/W	※Refer to Pulse OutputA Pattern1
1C2DH	B	4	PulseOutputLogic	2	R/W	※Refer to Pulse OutputA Pattern1
1C2EH ～ 1C33H	～	～	Reserve	～	～	
1C34H	B	5	PulseOutputDispValue	2	R/W	※Refer to Pulse OutputA Pattern1
1C35H	B	5	PulseOutputSyncDigit	2	R/W	※Refer to Pulse OutputA Pattern1
1C36H	B	5	OutputPulseWidth	2	R/W	※Refer to Pulse OutputA Pattern1
1C37H	B	5	PulseOutputLogic	2	R/W	※Refer to Pulse OutputA Pattern1
1C38H ～ 1C3DH	～	～	Reserve	～	～	
1C3EH	B	6	PulseOutputDispValue	2	R/W	※Refer to Pulse OutputA Pattern1
1C3FH	B	6	PulseOutputSyncDigit	2	R/W	※Refer to Pulse OutputA Pattern1
1C40H	B	6	OutputPulseWidth	2	R/W	※Refer to Pulse OutputA Pattern1
1C41H	B	6	PulseOutputLogic	2	R/W	※Refer to Pulse OutputA Pattern1
1C42H ～ 1C47H	～	～	Reserve	～	～	
1C48H	B	7	PulseOutputDispValue	2	R/W	※Refer to Pulse OutputA Pattern1
1C49H	B	7	PulseOutputSyncDigit	2	R/W	※Refer to Pulse OutputA Pattern1
1C4AH	B	7	OutputPulseWidth	2	R/W	※Refer to Pulse OutputA Pattern1
1C4BH	B	7	PulseOutputLogic	2	R/W	※Refer to Pulse OutputA Pattern1
1C4CH ～ 1C51H	～	～	Reserve	～	～	
1C52H	B	8	PulseOutputDispValue	2	R/W	※Refer to Pulse OutputA Pattern1
1C53H	B	8	PulseOutputSyncDigit	2	R/W	※Refer to Pulse OutputA Pattern1
1C54H	B	8	OutputPulseWidth	2	R/W	※Refer to Pulse OutputA Pattern1
1C55H	B	8	PulseOutputLogic	2	R/W	※Refer to Pulse OutputA Pattern1
1C56H ～ 1CFBH	～	～	Reserve	～	～	

1CFCH	－	－	Modbus SlaveAddress	2	R/W	1～31
1CFDH	－	－	Modbus Baudrate	2	R/W	0000H：9600bps、0001H：19200bps、0002H：38400bps
1CFEH	－	－	Modbus Parity	2	R/W	0000H：None、0001H：Even、0002H：Odd
1CFFH ～ 1D0FH	～	～	Reserve	～	～	

1D10H	－	－	MeasureSelect InsA	2	R/W	0000H：OFF、0001H：ON
1D11H	－	－	MeasureSelect InsB	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available.
1D12H	－	－	MeasureSelect InsCalc	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available.

1D13H	－	－	MeasureSelect InsA+InsB	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available.
1D14H	－	－	MeasureSelect InsCalc+A+B	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available.
1D15H	－	－	MeasureSelect TotA	2	R/W	0000H：OFF、0001H：ON ※ In the case of “WPMZ5”, the setting is not available.
1D16H	－	－	MeasureSelect TotB	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D17H	－	－	MeasureSelect TotCalc	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D18H	－	－	MeasureSelect TotA+TotB	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D19H	－	－	MeasureSelect TotCalc+A+B	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D1AH	－	－	MeasureSelect InsA+TotA	2	R/W	0000H：OFF、0001H：ON ※ In the case of “WPMZ5”, the setting is not available.
1D1BH	－	－	MeasureSelect InsB+TotB	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D1CH	－	－	MeasureSelect InsCalc+TotCalc	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D1DH	－	－	MeasureSelect InsA + Comp.	2	R/W	0000H：OFF、0001H：ON
1D1EH	－	－	MeasureSelect InsB + Comp	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available.
1D1FH	－	－	MeasureSelect InsCalc + Comp	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available.
1D20H	－	－	MeasureSelect TotA + Comp	2	R/W	0000H：OFF、0001H：ON ※ In the case of “WPMZ5”, the setting is not available.
1D21H	－	－	MeasureSelect TotB + Comp	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D22H	－	－	MeasureSelect TotCalc + Comp	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D23H	～	～	Reserve	～	～	
1D24H	－	－	LevelSelect InsA	2	R/W	0000H：OFF、0001H：ON
1D25H	－	－	LevelSelect InsB	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available.
1D26H	－	－	LevelSelect InsCalc	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available.
1D27H	－	－	LevelSelect InsA+InsB	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available.
1D28H	－	－	LevelSelect TotA	2	R/W	0000H：OFF、0001H：ON In the case of “WPMZ5”, the setting is not available.

1D29H	－	－	LevelSelect TotB	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D2AH	－	－	LevelSelect TotCalc	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D2BH	－	－	LevelSelect TotA+TotB	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D2CH	－	－	LevelSelect InsA+TotA	2	R/W	0000H：OFF、0001H：ON In the case of “WPMZ5”, the setting is not available.
1D2DH	－	－	LevelSelect InsB+TotB	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D2EH	－	－	LevelSelect InsCalc+TotCalc	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D2FH ～ 1D37H	～	～	Reserve	～	～	
1D38H	－	－	TrendSelect InsA	2	R/W	0000H：OFF、0001H：ON
1D39H	－	－	TrendSelect InsB	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available.
1D3AH	－	－	TrendSelect InsCalc	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available.
1D3BH	－	－	TrendSelect InsA+InsB	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available.
1D3CH	－	－	TrendSelect TotA	2	R/W	0000H：OFF、0001H：ON In the case of “WPMZ5”, the setting is not available.
1D3DH	－	－	TrendSelect TotB	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D3EH	－	－	TrendSelect TotCalc	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D3FH	－	－	TrendSelect TotA+TotB	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D40H	－	－	TrendSelect InsA+TotA	2	R/W	0000H：OFF、0001H：ON In the case of “WPMZ5”, the setting is not available.
1D41H	－	－	TrendSelect InsB+TotB	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D42H	－	－	TrendSelect InsCalc+TotCalc	2	R/W	0000H：OFF、0001H：ON ※When input chB is none, the setting is not available. In the case of “WPMZ5”, the setting is not available.
1D43H ～ 1D4BH	～	～	Reserve	～	～	

1D4CH	－	1	LevelDisp InsA Scale LowerLimit	4	R/W	-999,999～999,999
1D4EH	－	1	LevelDisp InsA Scale UpperLimit	4	R/W	-999,999～999,999

1D50H	－	1	LevelDisp InsB Scale LowerLimit	4	R/W	-999,999～999,999
1D52H	－	1	LevelDisp InsB Scale UpperLimit	4	R/W	-999,999～999,999
1D54H	－	1	LevelDisp InsCalc Scale LowerLimit	4	R/W	-999,999～999,999
1D56H	－	1	LevelDisp InsCalc Scale UpperLimit	4	R/W	-999,999～999,999
1D58H	－	1	LevelDisp TotA Scale LowerLimit	4	R/W	-999,999～999,999
1D5AH	－	1	LevelDisp TotA Scale UpperLimit	4	R/W	-999,999～999,999
1D5CH	－	1	LevelDisp TotB Scale LowerLimit	4	R/W	-999,999～999,999
1D5EH	－	1	LevelDisp TotB Scale UpperLimit	4	R/W	-999,999～999,999
1D60H	－	1	LevelDisp TotCalc Scale LowerLimit	4	R/W	-999,999～999,999
1D62H	－	1	LevelDisp TotCalc Scale UpperLimit	4	R/W	-999,999～999,999
1D64H ～ 1D69H	～	～	Reserve	～	～	
1D6AH	－	2	LevelDisp InsA Scale LowerLimit	4	R/W	※Refer to Pattern1
1D6CH	－	2	LevelDisp InsA Scale UpperLimit	4	R/W	※Refer to Pattern1
1D6EH	－	2	LevelDisp InsB Scale LowerLimit	4	R/W	※Refer to Pattern1
1D70H	－	2	LevelDisp InsB Scale UpperLimit	4	R/W	※Refer to Pattern1
1D72H	－	2	LevelDisp InsCalc Scale LowerLimit	4	R/W	※Refer to Pattern1
1D74H	－	2	LevelDisp InsCalc Scale UpperLimit	4	R/W	※Refer to Pattern1
1D76H	－	2	LevelDisp TotA Scale LowerLimit	4	R/W	※Refer to Pattern1
1D78H	－	2	LevelDisp TotA Scale UpperLimit	4	R/W	※Refer to Pattern1
1D7AH	－	2	LevelDisp TotB Scale LowerLimit	4	R/W	※Refer to Pattern1
1D7CH	－	2	LevelDisp TotB Scale UpperLimit	4	R/W	※Refer to Pattern1
1D7EH	－	2	LevelDisp TotCalc Scale LowerLimit	4	R/W	※Refer to Pattern1
1D80H	－	2	LevelDisp TotCalc Scale UpperLimit	4	R/W	※Refer to Pattern1
1D82H ～ 1D87H	～	～	Reserve	～	～	
1D88H	－	3	LevelDisp InsA Scale LowerLimit	4	R/W	※Refer to Pattern1
1D8AH	－	3	LevelDisp InsA Scale UpperLimit	4	R/W	※Refer to Pattern1
1D8CH	－	3	LevelDisp InsB Scale LowerLimit	4	R/W	※Refer to Pattern1
1D8EH	－	3	LevelDisp InsB Scale UpperLimit	4	R/W	※Refer to Pattern1
1D90H	－	3	LevelDisp InsCalc Scale LowerLimit	4	R/W	※Refer to Pattern1
1D92H	－	3	LevelDisp InsCalc Scale UpperLimit	4	R/W	※Refer to Pattern1
1D94H	－	3	LevelDisp TotA Scale LowerLimit	4	R/W	※Refer to Pattern1
1D96H	－	3	LevelDisp TotA Scale UpperLimit	4	R/W	※Refer to Pattern1
1D98H	－	3	LevelDisp TotB Scale LowerLimit	4	R/W	※Refer to Pattern1
1D9AH	－	3	LevelDisp TotB Scale UpperLimit	4	R/W	※Refer to Pattern1
1D9CH	－	3	LevelDisp TotCalc Scale LowerLimit	4	R/W	※Refer to Pattern1
1D9EH	－	3	LevelDisp TotCalc Scale UpperLimit	4	R/W	※Refer to Pattern1
1DA0H ～ 1DA5H	～	～	Reserve	～	～	
1DA6H	－	4	LevelDisp InsA Scale LowerLimit	4	R/W	※Refer to Pattern1
1DA8H	－	4	LevelDisp InsA Scale UpperLimit	4	R/W	※Refer to Pattern1
1DAAH	－	4	LevelDisp InsB Scale LowerLimit	4	R/W	※Refer to Pattern1
1DACH	－	4	LevelDisp InsB Scale UpperLimit	4	R/W	※Refer to Pattern1
1DAEH	－	4	LevelDisp InsCalc Scale LowerLimit	4	R/W	※Refer to Pattern1
1DB0H	－	4	LevelDisp InsCalc Scale UpperLimit	4	R/W	※Refer to Pattern1
1DB2H	－	4	LevelDisp TotA Scale LowerLimit	4	R/W	※Refer to Pattern1
1DB4H	－	4	LevelDisp TotA Scale UpperLimit	4	R/W	※Refer to Pattern1
1DB6H	－	4	LevelDisp TotB Scale LowerLimit	4	R/W	※Refer to Pattern1
1DB8H	－	4	LevelDisp TotB Scale UpperLimit	4	R/W	※Refer to Pattern1
1DBAH	－	4	LevelDisp TotCalc Scale LowerLimit	4	R/W	※Refer to Pattern1
1DBCH	－	4	LevelDisp TotCalc Scale UpperLimit	4	R/W	※Refer to Pattern1
1DBEH ～ 1DC3H	～	～	Reserve	～	～	
1DC4H	－	5	LevelDisp InsA Scale LowerLimit	4	R/W	※Refer to Pattern1
1DC6H	－	5	LevelDisp InsA Scale UpperLimit	4	R/W	※Refer to Pattern1
1DC8H	－	5	LevelDisp InsB Scale LowerLimit	4	R/W	※Refer to Pattern1
1DCAH	－	5	LevelDisp InsB Scale UpperLimit	4	R/W	※Refer to Pattern1
1DCCH	－	5	LevelDisp InsCalc Scale LowerLimit	4	R/W	※Refer to Pattern1
1DCEH	－	5	LevelDisp InsCalc Scale UpperLimit	4	R/W	※Refer to Pattern1
1DD0H	－	5	LevelDisp TotA Scale LowerLimit	4	R/W	※Refer to Pattern1
1DD2H	－	5	LevelDisp TotA Scale UpperLimit	4	R/W	※Refer to Pattern1

1DD4H	－	5	LevelDisp TotB Scale LowerLimit	4	R/W	※Refer to Pattern1
1DD6H	－	5	LevelDisp TotB Scale UpperLimit	4	R/W	※Refer to Pattern1
1DD8H	－	5	LevelDisp TotCalc Scale LowerLimit	4	R/W	※Refer to Pattern1
1DDAH	－	5	LevelDisp TotCalc Scale UpperLimit	4	R/W	※Refer to Pattern1
1DDCH ～ 1DE1H	～	～	Reserve	～	～	
1DE2H	－	6	LevelDisp InsA Scale LowerLimit	4	R/W	※Refer to Pattern1
1DE4H	－	6	LevelDisp InsA Scale UpperLimit	4	R/W	※Refer to Pattern1
1DE6H	－	6	LevelDisp InsB Scale LowerLimit	4	R/W	※Refer to Pattern1
1DE8H	－	6	LevelDisp InsB Scale UpperLimit	4	R/W	※Refer to Pattern1
1DEAH	－	6	LevelDisp InsCalc Scale LowerLimit	4	R/W	※Refer to Pattern1
1DECH	－	6	LevelDisp InsCalc Scale UpperLimit	4	R/W	※Refer to Pattern1
1DEEH	－	6	LevelDisp TotA Scale LowerLimit	4	R/W	※Refer to Pattern1
1DF0H	－	6	LevelDisp TotA Scale UpperLimit	4	R/W	※Refer to Pattern1
1DF2H	－	6	LevelDisp TotB Scale LowerLimit	4	R/W	※Refer to Pattern1
1DF4H	－	6	LevelDisp TotB Scale UpperLimit	4	R/W	※Refer to Pattern1
1DF6H	－	6	LevelDisp TotCalc Scale LowerLimit	4	R/W	※Refer to Pattern1
1DF8H	－	6	LevelDisp TotCalc Scale UpperLimit	4	R/W	※Refer to Pattern1
1DFAH ～ 1DFFH	～	～	Reserve	～	～	
1E00H	－	7	LevelDisp InsA Scale LowerLimit	4	R/W	※Refer to Pattern1
1E02H	－	7	LevelDisp InsA Scale UpperLimit	4	R/W	※Refer to Pattern1
1E04H	－	7	LevelDisp InsB Scale LowerLimit	4	R/W	※Refer to Pattern1
1E06H	－	7	LevelDisp InsB Scale UpperLimit	4	R/W	※Refer to Pattern1
1E08H	－	7	LevelDisp InsCalc Scale LowerLimit	4	R/W	※Refer to Pattern1
1E0AH	－	7	LevelDisp InsCalc Scale UpperLimit	4	R/W	※Refer to Pattern1
1E0CH	－	7	LevelDisp TotA Scale LowerLimit	4	R/W	※Refer to Pattern1
1E0EH	－	7	LevelDisp TotA Scale UpperLimit	4	R/W	※Refer to Pattern1
1E10H	－	7	LevelDisp TotB Scale LowerLimit	4	R/W	※Refer to Pattern1
1E12H	－	7	LevelDisp TotB Scale UpperLimit	4	R/W	※Refer to Pattern1
1E14H	－	7	LevelDisp TotCalc Scale LowerLimit	4	R/W	※Refer to Pattern1
1E16H	－	7	LevelDisp TotCalc Scale UpperLimit	4	R/W	※Refer to Pattern1
1E18H ～ 1E1DH	～	～	Reserve	～	～	
1E1EH	－	8	LevelDisp InsA Scale LowerLimit	4	R/W	※Refer to Pattern1
1E20H	－	8	LevelDisp InsA Scale UpperLimit	4	R/W	※Refer to Pattern1
1E22H	－	8	LevelDisp InsB Scale LowerLimit	4	R/W	※Refer to Pattern1
1E24H	－	8	LevelDisp InsB Scale UpperLimit	4	R/W	※Refer to Pattern1
1E26H	－	8	LevelDisp InsCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1E28H	－	8	LevelDisp InsCalcScale UpperLimit	4	R/W	※Refer to Pattern1
1E2AH	－	8	LevelDisp TotA Scale LowerLimit	4	R/W	※Refer to Pattern1
1E2CH	－	8	LevelDisp TotA Scale UpperLimit	4	R/W	※Refer to Pattern1
1E2EH	－	8	LevelDisp TotB Scale LowerLimit	4	R/W	※Refer to Pattern1
1E30H	－	8	LevelDisp TotB Scale UpperLimit	4	R/W	※Refer to Pattern1
1E32H	－	8	LevelDisp TotCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1E34H	－	8	LevelDisp TotCalcScale UpperLimit	4	R/W	※Refer to Pattern1
1E36H ～ 1E1DH	～	～	Reserve	～	～	

1E3CH	－	1	TrendDisp InsA Scale LowerLimit	4	R/W	-999,999～999,999
1E3EH	－	1	TrendDisp InsA Scale UpperLimit	4	R/W	-999,999～999,999
1E40H	－	1	TrendDisp InsB Scale LowerLimit	4	R/W	-999,999～999,999
1E42H	－	1	TrendDisp InsB Scale UpperLimit	4	R/W	-999,999～999,999
1E44H	－	1	TrendDisp InsCalcScale LowerLimit	4	R/W	-999,999～999,999
1E46H	－	1	TrendDisp InsCalcScale UpperLimit	4	R/W	-999,999～999,999
1E48H	－	1	TrendDisp TotA Scale LowerLimit	4	R/W	-999,999～999,999
1E4AH	－	1	TrendDisp TotA Scale UpperLimit	4	R/W	-999,999～999,999
1E4CH	－	1	TrendDisp TotB Scale LowerLimit	4	R/W	-999,999～999,999
1E4EH	－	1	TrendDisp TotB Scale UpperLimit	4	R/W	-999,999～999,999
1E50H	－	1	TrendDisp TotCalcScale LowerLimit	4	R/W	-999,999～999,999
1E52H	－	1	TrendDisp TotCalcScale UpperLimit	4	R/W	-999,999～999,999
1E54H	－	1	TrendDisp TimeAxis	2	R/W	0000H：1s/div、0001H：2s/div、

						0002H：5s/div、0003H：10s/div、 0004H：30s/div、0005H：60s/div、 0006H：120s/div
1E55H ～ 1E59H	～	～	Reserve	～	～	
1E5AH	－	2	TrendDisp InsA Scale LowerLimit	4	R/W	※Refer to Pattern1
1E5CH	－	2	TrendDisp InsA Scale UpperLimit	4	R/W	※Refer to Pattern1
1E5EH	－	2	TrendDisp InsB Scale LowerLimit	4	R/W	※Refer to Pattern1
1E60H	－	2	TrendDisp InsB Scale UpperLimit	4	R/W	※Refer to Pattern1
1E62H	－	2	TrendDisp InsCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1E64H	－	2	TrendDisp InsCalcScale UpperLimit	4	R/W	※Refer to Pattern1
1E66H	－	2	TrendDisp TotA Scale LowerLimit	4	R/W	※Refer to Pattern1
1E68H	－	2	TrendDisp TotA Scale UpperLimit	4	R/W	※Refer to Pattern1
1E6AH	－	2	TrendDisp TotB Scale LowerLimit	4	R/W	※Refer to Pattern1
1E6CH	－	2	TrendDisp TotB Scale UpperLimit	4	R/W	※Refer to Pattern1
1E6EH	－	2	TrendDisp TotCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1E70H	－	2	TrendDisp TotCalcScale UpperLimit	4	R/W	※Refer to Pattern1
1E72H	－	2	TrendDisp TimeAxis	2	R/W	※Refer to Pattern1
1E73H ～ 1E77H	～	～	Reserve	～	～	
1E78H	－	3	TrendDisp InsA Scale LowerLimit	4	R/W	※Refer to Pattern1
1E7AH	－	3	TrendDisp InsA Scale UpperLimit	4	R/W	※Refer to Pattern1
1E7CH	－	3	TrendDisp InsB Scale LowerLimit	4	R/W	※Refer to Pattern1
1E7EH	－	3	TrendDisp InsB Scale UpperLimit	4	R/W	※Refer to Pattern1
1E80H	－	3	TrendDisp InsCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1E82H	－	3	TrendDisp InsCalcScale UpperLimit	4	R/W	※Refer to Pattern1
1E84H	－	3	TrendDisp TotA Scale LowerLimit	4	R/W	※Refer to Pattern1
1E86H	－	3	TrendDisp TotA Scale UpperLimit	4	R/W	※Refer to Pattern1
1E88H	－	3	TrendDisp TotB Scale LowerLimit	4	R/W	※Refer to Pattern1
1E8AH	－	3	TrendDisp TotB Scale UpperLimit	4	R/W	※Refer to Pattern1
1E8CH	－	3	TrendDisp TotCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1E8EH	－	3	TrendDisp TotCalcScale UpperLimit	4	R/W	※Refer to Pattern1
1E90H	－	3	TrendDisp TimeAxis	2	R/W	※Refer to Pattern1
1E91H ～ 1E95H	～	～	Reserve	～	～	
1E96H	－	4	TrendDisp InsA Scale LowerLimit	4	R/W	※Refer to Pattern1
1E98H	－	4	TrendDisp InsA Scale UpperLimit	4	R/W	※Refer to Pattern1
1E9AH	－	4	TrendDisp InsB Scale LowerLimit	4	R/W	※Refer to Pattern1
1E9CH	－	4	TrendDisp InsB Scale UpperLimit	4	R/W	※Refer to Pattern1
1E9EH	－	4	TrendDisp InsCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1EA0H	－	4	TrendDisp InsCalcScale UpperLimit	4	R/W	※Refer to Pattern1
1EA2H	－	4	TrendDisp TotA Scale LowerLimit	4	R/W	※Refer to Pattern1
1EA4H	－	4	TrendDisp TotA Scale UpperLimit	4	R/W	※Refer to Pattern1
1EA6H	－	4	TrendDisp TotB Scale LowerLimit	4	R/W	※Refer to Pattern1
1EA8H	－	4	TrendDisp TotB Scale UpperLimit	4	R/W	※Refer to Pattern1
1EAAH	－	4	TrendDisp TotCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1EACH	－	4	TrendDisp TotCalcScale UpperLimit	4	R/W	※Refer to Pattern1
1EAEH	－	4	TrendDisp TimeAxis	2	R/W	※Refer to Pattern1
1EAFH ～ 1EB3H	～	～	Reserve	～	～	
1EB4H	－	5	TrendDisp InsA Scale LowerLimit	4	R/W	※Refer to Pattern1
1EB6H	－	5	TrendDisp InsA Scale UpperLimit	4	R/W	※Refer to Pattern1
1EB8H	－	5	TrendDisp InsB Scale LowerLimit	4	R/W	※Refer to Pattern1
1EBAH	－	5	TrendDisp InsB Scale UpperLimit	4	R/W	※Refer to Pattern1
1EBCH	－	5	TrendDisp InsCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1EBEH	－	5	TrendDisp InsCalcScale UpperLimit	4	R/W	※Refer to Pattern1
1EC0H	－	5	TrendDisp TotA Scale LowerLimit	4	R/W	※Refer to Pattern1
1EC2H	－	5	TrendDisp TotA Scale UpperLimit	4	R/W	※Refer to Pattern1
1EC4H	－	5	TrendDisp TotB Scale LowerLimit	4	R/W	※Refer to Pattern1
1EC6H	－	5	TrendDisp TotB Scale UpperLimit	4	R/W	※Refer to Pattern1
1EC8H	－	5	TrendDisp TotCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1ECAH	－	5	TrendDisp TotCalcScale UpperLimit	4	R/W	※Refer to Pattern1

1ECCH	－	5	TrendDisp TimeAxis	2	R/W	※Refer to Pattern1
1ECDH ～ 1ED1H	～	～	Reserve	～	～	
1ED2H	－	6	TrendDisp InsA Scale LowerLimit	4	R/W	※Refer to Pattern1
1ED4H	－	6	TrendDisp InsA Scale UpperLimit	4	R/W	※Refer to Pattern1
1ED6H	－	6	TrendDisp InsB Scale LowerLimit	4	R/W	※Refer to Pattern1
1ED8H	－	6	TrendDisp InsB Scale UpperLimit	4	R/W	※Refer to Pattern1
1EDAH	－	6	TrendDisp InsCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1EDCH	－	6	TrendDisp InsCalcScale UpperLimit	4	R/W	※Refer to Pattern1
1EDEH	－	6	TrendDisp TotA Scale LowerLimit	4	R/W	※Refer to Pattern1
1EE0H	－	6	TrendDisp TotA Scale UpperLimit	4	R/W	※Refer to Pattern1
1EE2H	－	6	TrendDisp TotB Scale LowerLimit	4	R/W	※Refer to Pattern1
1EE4H	－	6	TrendDisp TotB Scale UpperLimit	4	R/W	※Refer to Pattern1
1EE6H	－	6	TrendDisp TotCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1EE8H	－	6	TrendDisp TotCalcScale UpperLimit	4	R/W	※Refer to Pattern1
1EEAH	－	6	TrendDisp TimeAxis	2	R/W	※Refer to Pattern1
1EEBH ～ 1EEFH	～	～	Reserve	～	～	
1EF0H	－	7	TrendDisp InsA Scale LowerLimit	4	R/W	※Refer to Pattern1
1EF2H	－	7	TrendDisp InsA Scale UpperLimit	4	R/W	※Refer to Pattern1
1EF4H	－	7	TrendDisp InsB Scale LowerLimit	4	R/W	※Refer to Pattern1
1EF6H	－	7	TrendDisp InsB Scale UpperLimit	4	R/W	※Refer to Pattern1
1EF8H	－	7	TrendDisp InsCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1EFAH	－	7	TrendDisp InsCalcScale UpperLimit	4	R/W	※Refer to Pattern1
1EFCH	－	7	TrendDisp TotA Scale LowerLimit	4	R/W	※Refer to Pattern1
1EFEH	－	7	TrendDisp TotA Scale UpperLimit	4	R/W	※Refer to Pattern1
1F00H	－	7	TrendDisp TotB Scale LowerLimit	4	R/W	※Refer to Pattern1
1F02H	－	7	TrendDisp TotB Scale UpperLimit	4	R/W	※Refer to Pattern1
1F04H	－	7	TrendDisp TotCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1F06H	－	7	TrendDisp TotCalcScale UpperLimit	4	R/W	※Refer to Pattern1
1F08H	－	7	TrendDisp TimeAxis	2	R/W	※Refer to Pattern1
1F09H ～ 1F0DH	～	～	Reserve	～	～	
1F0EH	－	8	TrendDisp InsA Scale LowerLimit	4	R/W	※Refer to Pattern1
1F10H	－	8	TrendDisp InsA Scale UpperLimit	4	R/W	※Refer to Pattern1
1F12H	－	8	TrendDisp InsB Scale LowerLimit	4	R/W	※Refer to Pattern1
1F14H	－	8	TrendDisp InsB Scale UpperLimit	4	R/W	※Refer to Pattern1
1F16H	－	8	TrendDisp InsCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1F18H	－	8	TrendDisp InsCalcScale UpperLimit	4	R/W	※Refer to Pattern1
1F1AH	－	8	TrendDisp TotA Scale LowerLimit	4	R/W	※Refer to Pattern1
1F1CH	－	8	TrendDisp TotA Scale UpperLimit	4	R/W	※Refer to Pattern1
1F1EH	－	8	TrendDisp TotB Scale LowerLimit	4	R/W	※Refer to Pattern1
1F20H	－	8	TrendDisp TotB Scale UpperLimit	4	R/W	※Refer to Pattern1
1F22H	－	8	TrendDisp TotCalcScale LowerLimit	4	R/W	※Refer to Pattern1
1F24H	－	8	TrendDisp TotCalcScale UpperLimit	4	R/W	※Refer to Pattern1
1F26H	－	8	TrendDisp TimeAxis	2	R/W	※Refer to Pattern1
1F27H ～ 1F2BH	～	～	Reserve	～	～	

1F2CH	－	－	Brightness	2	R/W	0000H：5 Bright、0001H：4、 0002H：3、0003H：2、 0004H：1 Dark、0005H：0 Off
1F2DH	－	－	PowerOnDelay	2	R/W	0000H：None、0001H：2sec、 0002H：5 sec、0003H：10 sec、 0004H：20 sec、0005H：30 sec、 0006H：60 sec
1F2EH	－	－	PowerSavingTime	2	R/W	0000H：None、0001H：1min、 0002H：2 min、0003H：5 min、 0004H：10 min、0005H：30 min、 0006H：60 min
1F2FH	－	－	TotMemory	2	R/W	0000H：Disable、0001H：Enable
1F30H	－	－	Language	2	R/W	0000H：日本語、0001H：English

1F31H	－	－	DisplayDirection	2	R/W	0000H：Horizontal、0001H：Vertical
1F32H	－	－	SettingProtect	2	R/W	0000H：Disable、0001H：Enable
1F33H	－	－	Digital zero retention	2	R/W	0000H：Disable、0001H：Enable
1F34H ～ 1F3FH	～	～	Reserve	～	～	
1F40H	－	－	Function UP ARROW key	2	R/W	0000H：None、 0001H：CompareReset、 0002H：TotalResetA ※2、 0003H：TotalResetB ※1, 2、 0004H：TotalResetA&B ※1, 2、 0005H：MeasureBlockA、 0006H：MeasureBlockB ※1、 0007H：MeasureBlockA&B ※1、 0008H：DispHoldA、 0009H：DispHoldB ※1、 000AH：DispHoldA&B ※1、 000BH：MaxHoldA、 000CH：MaxHoldB ※1、 000DH：MaxHoldA&B ※1、 000EH：MinHoldA、 000FH：MinHoldB ※1、 0010H：MinHoldA&B ※1、 0011H：PatternChange、 0012H：TrendHold 0013H：Digital zero A ※3、 0014H：Digital zero B ※1 ※4、 0015H：Digital zero A&B ※1 ※5、 0016H：Compare List ※1 When input Bch is none, the setting is not available. ※2 In the case of “WPMZ-5”, the setting is not available. ※3 In case of input Ach is other than "analog input", the setting is not available ※4 In case of input Bch is other than "analog input", the setting is not available. ※5 In case of input Ach and Bch are other than "analog input", the setting is not available.
1F41H	－	－	Function DOWN ARROW key	2	R/W	※Refer to Function UP ARROW key
1F42H	－	－	Function RIGHT ARROW key	2	R/W	※Refer to Function UP ARROW key
1F43H	－	－	Function LEFT ARROW key	2	R/W	※Refer to Function UP ARROW key

Setting error code

When setting is saved, check the following range.

If an error exists, the error code is stored in the communication address 0 BBAH and the change is not saved. The priority order of error codes is ascending order in the table below.

Table 5.4 Setting error code

Setting value	Error judgment	Error code
External control function 1～5	assigned to terminal 1 to 5 overlap (except “NONE”)	0001H
AL1 pattern1 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Comparative upper limit＜Comparative lower lime	000AH
AL1 pattern2 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	000BH
AL1 pattern3 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	000CH
AL1 pattern4 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	000DH
AL1 pattern5	Same as above	000EH

・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement		
AL1 pattern6 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	000FH
AL1 pattern7 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0010H
AL1 pattern8 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0011H
AL2 pattern1 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0014H
AL2 pattern2 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0015H
AL2 pattern3 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0016H
AL2 pattern4 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0017H
AL2 pattern5 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0018H
AL2 pattern6 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0019H
AL2 pattern7 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	001AH
AL2 pattern8 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	001BH
AL3 pattern1 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	001EH
AL3 pattern2 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	001FH
AL3 pattern3 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0020H
AL3 pattern4 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0021H
AL3 pattern5 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0022H
AL3 pattern6 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0023H
AL3 pattern7 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0024H
AL3 pattern8 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0025H
AL4 pattern1 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0028H
AL4 pattern2 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	0029H
AL4 pattern3 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	002AH

AL4 pattern4 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	002BH
AL4 pattern5 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	002CH
AL4 pattern6 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	002DH
AL4 pattern7 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	002EH
AL4 pattern8 ・Comparative UpperLimit-Zone judgement ・Comparative LowerLimit-Zone judgement	Same as above	002FH
Level display pattern1 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	LowerLimit≧UpperLimit	003CH
Level display pattern2 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	Same as above	003DH
Level display pattern3 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	Same as above	003EH
Level display pattern4 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	Same as above	003FH
Level display pattern5 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	Same as above	0040H
Level display pattern6 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	Same as above	0041H
Level display pattern7 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	Same as above	0042H
Level display pattern8 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	Same as above	0043H
Level display pattern1 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	0046H
Level display pattern2 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	0047H
Level display pattern3 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	0048H
Level display pattern4 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	0049H
Level display pattern5 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	004AH
Level display pattern6 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	004BH
Level display pattern7 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	004CH
Level display pattern8 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	004DH
Level display pattern1 ・InsCalc Scale：LowerLimit ・InsCalc Scale：UpperLimit	Same as above	0050H
Level display pattern2 ・InsCalc Scale：LowerLimit	Same as above	0051H

・InsCalc Scale:UpperLimit		
Level display pattern3 ・InsCalc Scale:LowerLimit ・InsCalc Scale:UpperLimit	Same as above	0052H
Level display pattern4 ・InsCalc Scale:LowerLimit ・InsCalc Scale:UpperLimit	Same as above	0053H
Level display pattern5 ・InsCalc Scale:LowerLimit ・InsCalc Scale:UpperLimit	Same as above	0054H
Level display pattern6 ・InsCalc Scale:LowerLimit ・InsCalc Scale:UpperLimit	Same as above	0055H
Level display pattern7 ・InsCalc Scale:LowerLimit ・InsCalc Scale:UpperLimit	Same as above	0056H
Level display pattern8 ・InsCalc Scale:LowerLimit ・InsCalc Scale:UpperLimit	Same as above	0057H
Level display pattern1 ・TotA Scale:LowerLimit ・TotA Scale:UpperLimit	Same as above	005AH
Level display pattern2 ・TotA Scale:LowerLimit ・TotA Scale:UpperLimit	Same as above	005BH
Level display pattern3 ・TotA Scale:LowerLimit ・TotA Scale:UpperLimit	Same as above	005CH
Level display pattern4 ・TotA Scale:LowerLimit ・TotA Scale:UpperLimit	Same as above	005DH
Level display pattern5 ・TotA Scale:LowerLimit ・TotA Scale:UpperLimit	Same as above	005EH
Level display pattern6 ・TotA Scale:LowerLimit ・TotA Scale:UpperLimit	Same as above	005FH
Level display pattern7 ・TotA Scale:LowerLimit ・TotA Scale:UpperLimit	Same as above	0060H
Level display pattern8 ・TotA Scale:LowerLimit ・TotA Scale:UpperLimit	Same as above	0061H
Level display pattern1 ・TotB Scale:LowerLimit ・TotB Scale:UpperLimit	Same as above	0064H
Level display pattern2 ・TotB Scale:LowerLimit ・TotB Scale:UpperLimit	Same as above	0065H
Level display pattern3 ・TotB Scale:LowerLimit ・TotB Scale:UpperLimit	Same as above	0066H
Level display pattern4 ・TotB Scale:LowerLimit ・TotB Scale:UpperLimit	Same as above	0067H
Level display pattern5 ・TotB Scale:LowerLimit ・TotB Scale:UpperLimit	Same as above	0068H
Level display pattern6 ・TotB Scale:LowerLimit ・TotB Scale:UpperLimit	Same as above	0069H
Level display pattern7 ・TotB Scale:LowerLimit ・TotB Scale:UpperLimit	Same as above	006AH
Level display pattern8 ・TotB Scale:LowerLimit ・TotB Scale:UpperLimit	Same as above	006BH
Level display pattern1	Same as above	006EH

・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit		
Level display pattern2 ・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit	Same as above	006FH
Level display pattern3 ・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit	Same as above	0070H
Level display pattern4 ・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit	Same as above	0071H
Level display pattern5 ・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit	Same as above	0072H
Level display pattern6 ・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit	Same as above	0073H
Level display pattern7 ・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit	Same as above	0074H
Level display pattern8 ・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit	Same as above	0075H
Trend display pattern1 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	Same as above	0078H
Trend display pattern2 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	Same as above	0079H
Trend display pattern3 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	Same as above	007AH
Trend display pattern4 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	Same as above	007BH
Trend display pattern5 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	Same as above	007CH
Trend display pattern6 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	Same as above	007DH
Trend display pattern7 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	Same as above	007EH
Trend display pattern8 ・InsA Scale：LowerLimit ・InsA Scale：UpperLimit	Same as above	007FH
Trend display pattern1 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	0082H
Trend display pattern2 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	0083H
Trend display pattern3 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	0084H
Trend display pattern4 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	0085H
Trend display pattern5 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	0086H
Trend display pattern6 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	0087H
Trend display pattern7 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	0088H

Trend display pattern8 ・InsB Scale：LowerLimit ・InsB Scale：UpperLimit	Same as above	0089H
Trend display pattern1 ・InsCalc Scale：LowerLimit ・InsCalc Scale：UpperLimit	Same as above	008CH
Trend display pattern2 ・InsCalc Scale：LowerLimit ・InsCalc Scale：UpperLimit	Same as above	008DH
Trend display pattern3 ・InsCalc Scale：LowerLimit ・InsCalc Scale：UpperLimit	Same as above	008EH
Trend display pattern4 ・InsCalc Scale：LowerLimit ・InsCalc Scale：UpperLimit	Same as above	008FH
Trend display pattern5 ・InsCalc Scale：LowerLimit ・InsCalc Scale：UpperLimit	Same as above	0090H
Trend display pattern6 ・InsCalc Scale：LowerLimit ・InsCalc Scale：UpperLimit	Same as above	0091H
Trend display pattern7 ・InsCalc Scale：LowerLimit ・InsCalc Scale：UpperLimit	Same as above	0092H
Trend display pattern8 ・InsCalc Scale：LowerLimit ・InsCalc Scale：UpperLimit	Same as above	0093H
Trend display pattern1 ・TotA Scale：LowerLimit ・TotA Scale：UpperLimit	Same as above	0096H
Trend display pattern2 ・TotA Scale：LowerLimit ・TotA Scale：UpperLimit	Same as above	0097H
Trend display pattern3 ・TotA Scale：LowerLimit ・TotA Scale：UpperLimit	Same as above	0098H
Trend display pattern4 ・TotA Scale：LowerLimit ・TotA Scale：UpperLimit	Same as above	0099H
Trend display pattern5 ・TotA Scale：LowerLimit ・TotA Scale：UpperLimit	Same as above	009AH
Trend display pattern6 ・TotA Scale：LowerLimit ・TotA Scale：UpperLimit	Same as above	009BH
Trend display pattern7 ・TotA Scale：LowerLimit ・TotA Scale：UpperLimit	Same as above	009CH
Trend display pattern8 ・TotA Scale：LowerLimit ・TotA Scale：UpperLimit	Same as above	009DH
Trend display pattern1 ・TotB Scale：LowerLimit ・TotB Scale：UpperLimit	Same as above	00A0H
Trend display pattern2 ・TotB Scale：LowerLimit ・TotB Scale：UpperLimit	Same as above	00A1H
Trend display pattern3 ・TotB Scale：LowerLimit ・TotB Scale：UpperLimit	Same as above	00A2H
Trend display pattern4 ・TotB Scale：LowerLimit ・TotB Scale：UpperLimit	Same as above	00A3H
Trend display pattern5 ・TotB Scale：LowerLimit ・TotB Scale：UpperLimit	Same as above	00A4H
Trend display pattern6 ・TotB Scale：LowerLimit	Same as above	00A5H

・TotB Scale：UpperLimit		
Trend display pattern7 ・TotB Scale：LowerLimit ・TotB Scale：UpperLimit	Same as above	00A6H
Trend display pattern8 ・TotB Scale：LowerLimit ・TotB Scale：UpperLimit	Same as above	00A7H
Trend display pattern1 ・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit	Same as above	00AAH
Trend display pattern2 ・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit	Same as above	00ABH
Trend display pattern3 ・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit	Same as above	00ACH
Trend display pattern4 ・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit	Same as above	00ADH
Trend display pattern5 ・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit	Same as above	00AEH
Trend display pattern6 ・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit	Same as above	00AFH
Trend display pattern7 ・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit	Same as above	00B0H
Trend display pattern8 ・TotCalc Scale：LowerLimit ・TotCalc Scale：UpperLimit	Same as above	00B1H
・Measurement display select ・Level select ・Trend select	Hide all	00C8H
Analog input A：linearize point “pattern1”	Other than the setting below, an error occurs. 1st input point < 2nd input point < ・・・20th input point < 21th input point However, when the both value of input and output are 0 at the second and subsequent points, it is regarded as the termination, so it is excluded from the checking after that.	00D2H
Analog input A：linearize point “pattern2”	Same as above	00D3H
Analog input A：linearize point “pattern3”	Same as above	00D4H
Analog input A：linearize point “pattern4”	Same as above	00D5H
Analog input A：linearize point “pattern5”	Same as above	00D6H
Analog input A：linearize point “pattern6”	Same as above	00D7H
Analog input A：linearize point “pattern7”	Same as above	00D8H
Analog input A：linearize point “pattern8”	Same as above	00D9H
Analog input B：linearize point “pattern1”	Same as above	00DCH
Analog input B：linearize point “pattern2”	Same as above	00DDH
Analog input B：linearize point “pattern3”	Same as above	00DEH
Analog input B：linearize point “pattern4”	Same as above	00DFH
Analog input B：linearize point “pattern5”	Same as above	00E0H
Analog input B：linearize point “pattern6”	Same as above	00E1H
Analog input B：linearize point “pattern7”	Same as above	00E2H
Analog input B：linearize point “pattern8”	Same as above	00E3H

5-1-2. Measurement data

1. Input register

The input register command is as shown in the table below.
The input register is read only and can not be written.

Table 5.5 Input register command

Read command	04H
Write command	−
Continuous write command	−

Measurement data

The measurement data is as follows.
Please refer to "4-1-1. Acquire measurement data" when acquiring measurement data.

Table 5.6 Measurement data

Communication address	CH	Contents	size (byte)	R/W	The data
0000H	−	Action mode	2	R	0000H : Startup display 、0001H:Operation display 0002H:Setting display
0001H	−	Error status	2	R	0000H:No error、 Expect 0000H:Error
0002H ～ 0064H	～	Reserve	～	～	
0065H	−	External control input terminal status	2	R	0001H:terminal1 ON、0002H:terminal 2ON、0004H:terminal 3ON、0008H:terminal 4ON、0010H:terminal 5ON
0066H	−	Action pattern number	2	R	0000H:pattern1、0001H:pattern2、 0002H:pattern3、0003H:pattern4、 0004H:pattern5、0005H:pattern6、 0006H:pattern7、0007H:pattern8
0067H ～ 018FH	～	Reserve	～	～	
00C8H	A	Analog input instantaneous display status	2	R	0001H:display value is disable 0002H:over(plus) 0004H:over(minus)、 0008H:measurement inhibit、 0010H:display hold、 0020H:maximum value hold、 0040H:minimum value hold 0080H:digital zero
00C9H	A	Analog input instantaneous display value	4	R	Instantaneous display value(※5 digit integer without decimal)
00CBH	A	Analog input instantaneous display decimal position	2	R	0000H:none、 0001H:lower right of 2nd digit、 0002H:lower right of 3rd digit、 0003H:lower right of 4th digit、 0004H:lower right of 5th digit
00CCH	A	Analog input totalized display status	2	R	0001H:display value is disable、 0002H:over(plus)、 0004H:over(minus)、 0008H:measurement inhibit、 0010H:display hold
00CDH	A	Analog input totalized display over count	2	R	Current over count(0～999)
00CEH	A	Analog input totalized display value	4	R	Current totalized display(※6 digit integer without decimal)
00D0H	A	Analog input totalized display decimal position	2	R	0000H:none、 0001H:lower right of 2nd digit、 0002H:lower right of 3rd digit、 0003H:lower right of 4th digit、

					0004H:lower right of 5th digit 0005H:lower right of 6th digit
00D1H ～ 012BH	～	Reserve	～	～	
012CH	B	Analog input instantaneous display status	2	R	※refer to “analog input A”
012DH	B	Analog input instantaneous display value	4	R	※refer to “analog input A”
012FH	B	Analog input instantaneous display decimal position	2	R	※refer to “analog input A”
0130H	B	Analog input totalized display status	2	R	※refer to “analog input A”
0131H	B	Analog input totalized display over count	2	R	※refer to “analog input A”
0132H	B	Analog input totalized display value	4	R	※refer to “analog input A”
0134H	B	Analog input totalized display decimal position	2	R	※refer to “analog input A”
0135H ～ 018FH	～	Reserve	～	～	
0190H	A	Pulse input instantaneous display status	2	R	0001H:display value is disable 0002H:over(plus) 0004H:over(minus)、 0008H:measurement inhibit、 0010H:display hold、 0020H:maximum value hold、 0040H:minimum value hold
0191H	A	Pulse input instantaneous display value	4	R	Current instantaneous display value (※5 digit integer without decimal)
0193H	A	Pulse input totalized display decimal position	2	R	0000H:none、 0001H:lower right of 2nd digit、 0002H:lower right of 3rd digit、 0003H:lower right of 4th digit、 0004H:lower right of 5th digit 0005H:lower right of 6th digit
0194H	A	Pulse input totalized display status	2	R	0001H:display value is disable 0002H:over(plus) 0004H:over(minus)、 0008H:measurement inhibit、 0010H:display hold、
0195H	A	Pulse input totalized display over count	2	R	Current over count(0～999)
0196H	A	Pulse input totalized display value	4	R	Current totalized display value(※6 digit integer without decimal)
0198H	A	Pulse input totalized display decimal position	2	R	0000H:none、 0001H:lower right of 2nd digit、 0002H:lower right of 3rd digit、 0003H:lower right of 4th digit、 0004H:lower right of 5th digit 0005H:lower right of 6th digit
0199H ～ 01F3H	～	Reserve	～	～	
01F4H	B	Pulse input instantaneous display status	2	R	※refer to “pulse input A”
01F5H	B	Pulse input instantaneous display value	4	R	※refer to “pulse input A”
01F7H	B	Pulse input totalized display decimal position	2	R	※refer to “pulse input A”
01F8H	B	Pulse input totalized display status	2	R	※refer to “pulse input A”
01F9H	B	Pulse input totalized display over count	2	R	※refer to “pulse input A”
01FAH	B	Pulse input totalized display value	4	R	※refer to “pulse input A”
01FCH	B	Pulse input totalized display decimal position	2	R	※refer to “pulse input A”
01FDH ～ 0257H	～	Reserve	～	～	
0258H	-	2-input instantaneous calculation display status	2	R	0001H:display value is disable 0002H:over(plus) 0004H:over(minus)
0259H	-	2-input instantaneous calculation display value	4	R	Current instantaneous calculation display value(※ integer without decimal)
025BH	-	2-input instantaneous calculation display decimal point	2	R	0000H:none、 0001H:lower right of 2nd digit、 0002H:lower right of 3rd digit、 0003H:lower right of 4th digit、 0004H:lower right of 5th digit

					0005H:lower right of 6th digit
025CH	-	2-input totalized calculation display status	2	R	0001H:display value is disable 0002H:over(plus) 0004H:over(minus)
025DH	-	2-input totalized calculation display over count	2	R	Current over count(0～999)
025EH	-	2-input totalized calculation display value	4	R	Current totalized calculation display value (※ integer without decimal)
0260H	-	2-input totalized calculation display decimal point	2	R	0000H:none、 0001H:lower right of 2nd digit、 0002H:lower right of 3rd digit、 0003H:lower right of 4th digit、 0004H:lower right of 5th digit 0005H:lower right of 6th digit
0261H ～ 03E7H	～	Reserve	～	～	
03E8H	AL1	Comparative output status	2	R	0001H:comparative output reset ON、 0002H:latch ON
03E9H	AL1	Comparative output	2	R	0000H:OFF、0001H:ON
03EAH ～ 0419H	～	Reserve	～	～	
041AH	AL2	Comparative output status	2	R	※refer to “AL1”
041BH	AL2	Comparative output	2	R	※refer to “AL1”
041CH ～ 044BH	～	Reserve	～	～	
044CH	AL3	Comparative output status	2	R	※refer to “AL1”
044DH	AL3	Comparative output	2	R	※refer to “AL1”
044EH ～ 047DH	～	Reserve	～	～	
047EH	AL4	Comparative output status	2	R	※refer to “AL1”
047FH	AL4	Comparative output	2	R	※refer to “AL1”

Common property

Common properties are shown in the table below.

Table 5.7 Common property

Communication address	CH	Contents	size (byte)	R/W	The data
2328H	-	Module status	8	R	Except 0:error
232CH	-	Vendor name	16	R	ASCII string “Watanabe Electric Industry” fixation ※2 characters per register
233CH	-	Product type	16	R	ASCII string ※2 characters per register
234CH	-	Firmware version	4	R	ASCII string ※2 characters per register
2350H	-	Hardware version	4	R	ASCII string ※2 characters per register
2354H	-	Modbus table version	4	R	ASCII string ※2 characters per register
2358H	-	Product number	16	R	ASCII string ※2 characters per register

6. Troubleshooting

6-1. About communication

6-1-1. Communication abnormal

If the communication isn't possible、please check the following items.

- Are all the devices relate to communication turned on?
- Is the wiring correct?
- Are the number of connected devices and the connection distance are appropriate?
- Do communication condition settings match between Master and Slave (Module)? (baud rate, data length, stop bit, parity)
- Dose the timing of transmit and receive signals satisfy "3-2. Transmission Switching Time"?
- Dose the slave ID specified as the transmission destination from the master match the slave ID setting of the connected slave (module)?
- Is the same slave ID set for the modules connected on the same transmission line?
- Is a terminal resistance attached on the transmission line?

6-1-2. The acquired data is abnormal

If data can be acquired but value is wrong, please check the following items.

- Is the function code correct?
- Is the address the address of the data to be obtained?
- Is conversion carried out?

The contents of this instruction manual are subject to change without prior notice.

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