Dual-point Alarm Setter

WAP-NHL

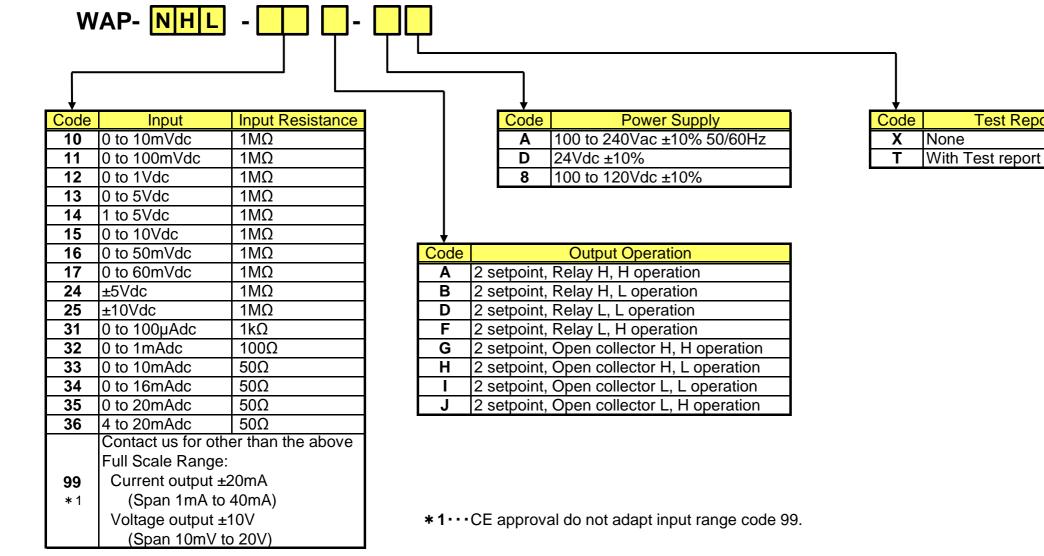


Ordering code

This converter inputs DC signal and outputs 2 points relay contact signals or open-collector signals if the DC signal input value exceeds the preset value (one point). Parameter change and input values can be monitored on the front LCD panel.

Features

- ★ Checking input real quantity value in the real quantity value check mode
- \star Alarm activation direction and parameters can be changed arbitrarily
- \star Both AC and DC power supply are available
- ★ Long -life design
- ★ Easy maintenance by plug-in structure
- \star CE approved



Specifications

Terminal	connections

Accuracy	±0.1% of span (at 23°C)	
Response time	Approx. 50ms	
Comparison scheme	Analog comparison scheme	
Number of setpoint	2 setpoint	
Setting	By LCD display operation	
Relay capacity	250Vac 5A, 30Vdc 5A	
	Minimum applicable load : 5V 10mA	
	Electrical life : 100,000 times or more	
	Mechanical life : 50,000,000 times or more	
Open collector output	30Vdc 50mA, ON Voltage 1.2V or less	
Operation display	Normal operation : Yellow display on LCD	
	Alarm : Red display on LCD	
Power failure	Data preservation by internal flash memory	
Operating temperature	-5 to +60°C	
Operating relative humidity	90% or less (non-condensing)	
Temperature coefficient	±0.015% FS of span per °C	
Humidity coefficient	±0.15% FS / 10-90% RH	
Isolation	Between input, output, and power supply	
Insulation resistance	100M Ω or more with a 500Vdc megger	
	Between input, outputs, and power supply terminal	
Dielectric strength	2000Vac for 1 minute	
Power consumption	A : 100 to 240Vac ±10% Approx. 5VA	
	D : 24Vdc ±10% Approx. 90mA	
	8 : 110Vdc ±10% Approx. 15mA	
Power supply variation	±0.1% FS (within the range of rated voltage)	
Dimensions	97(H) X 51(W) X 128(D)mm	
Weight	Approx. 240g	
Structure	Plug-in	
Connection	M3 SEMS screw part of the base socket	
Material of terminal screw	Chromated iron	
Case color and material	Ivory, heat-resistant ABS resin(94V-0)	
Mounting	DIN rail or wall surface	

161514131	No	Signal	Description
@@ @@	1	No.1 OUTPUT(NO1)	No.1 Output
6 U 6	2	No.1 OUTPUT(COM1)	
	3	INPUT(+)	loout
പര്ത്രിപ	4	INPUT(-)	Input
	5	No.2 OUTPUT(NO2)	No.2 Output
	6	No.2 OUTPUT(COM2)	
в п А	7	POWER U(+)	Power Supply
<u>00</u>	8	POWER V(-)	Fower Supply
<u>IOISHOIZI</u>			

Notes : Normal open terminal (NO : a contact)

Test Report

* Specification is subject to change without notice

Watanabe Electric Industry Co. Ltd.