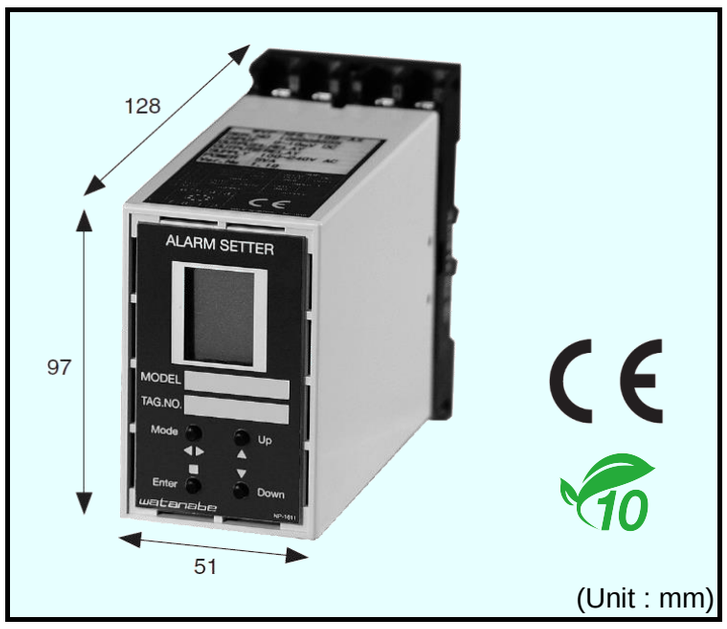
Dual-point Alarm Setter

WVP-NHL



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
★ Alarm activation direction and parameters can be changed arbitrarily
★ Both AC and DC power supply are available
★ Long -life design
★ Easy maintenance by plug-in structure
★ CE approved

Ordering code

WVP- N H L - □□ □ - □□

Code	Input	Input Resistance
10	0 to 10mVdc	1MΩ
11	0 to 100mVdc	1MΩ
12	0 to 1Vdc	1MΩ
13	0 to 5Vdc	1MΩ
14	1 to 5Vdc	1MΩ
15	0 to 10Vdc	1MΩ
16	0 to 50mVdc	1MΩ
17	0 to 60mVdc	1MΩ
24	±5Vdc	1MΩ
25	±10Vdc	1MΩ
31	0 to 100μAdc	1kΩ
32	0 to 1mAdc	100Ω
33	0 to 10mAdc	50Ω
34	0 to 16mAdc	50Ω
35	0 to 20mAdc	50Ω
36	4 to 20mAdc	50Ω
99 ＊1	Contact us for other than the above Full Scale Range: Current output ±20mA (Span 1mA to 40mA) Voltage output ±10V (Span 10mV to 20V)	

Code	Power Supply
A	100 to 240Vac ±10% 50/60Hz
D	24Vdc ±10%
8	100 to 120Vdc ±10%

Code	Output Operation
A	2 setpoint, Relay H, H operation
B	2 setpoint, Relay H, L operation
D	2 setpoint, Relay L, L operation
F	2 setpoint, Relay L, H operation
G	2 setpoint, Open collector H, H operation
H	2 setpoint, Open collector H, L operation
I	2 setpoint, Open collector L, L operation
J	2 setpoint, Open collector L, H operation

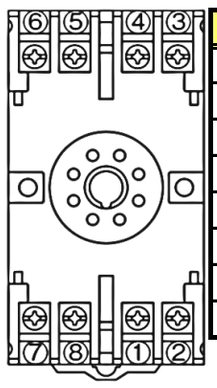
Code	Test Report
X	None
T	With Test report

＊1･･･CE approval do not adapt input range code 99.

Specifications

Accuracy	±0.1% FS (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 +55°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	100MΩ 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

Terminal connections



No	Signal	Description
1	No.1 OUTPUT(NO1)	No.1 Output
2	No.1 OUTPUT(COM1)	
3	INPUT(+)	Input
4	INPUT(-)	
5	No.2 OUTPUT(NO2)	No.2 Output
6	No.2 OUTPUT(COM2)	
7	POWER U(+)	Power Supply
8	POWER V(-)	

Notes : Normal open terminal (NO : a contact)

＊ Specification is subject to change without notice