



Features

- ★ Standard DIN size.
- ★ 4-stage alarm setting.
- ★ High-speed sampling (1000 times per second).
- ★ Able to memory 8 pattern comparative settings and scaling settings.

Ordering code

AMH - 148 - VA

Code	Power supply	Code	Comparative output
1	90 to 132Vac	1	Relay output
2	180 to 264Vac	2	Photo coupler output

Input Specifications

◆ DC voltage

Range	Measurement range	Display Range	Input Impedance	Max. allowable input	Accuracy (23±5°C 35 to 85%RH)
12	±999.9mV	Offset: : ±9999	100MΩ	±250V	±(0.1% of FS +1 digit)
13	±9.999V	Full scale : ±9999	1MΩ		

◆ Process signal (DC voltage)

Range	Measurement range	Display Range	Input Impedance	Max. allowable input	Accuracy (23±5°C 35 to 85%RH)
1V	1 to 5V	Offset: : ±9999	1MΩ	±250V	±(0.1% of FS +1 digit)
		Full scale : ±9999			

◆ Process signal (DC current)

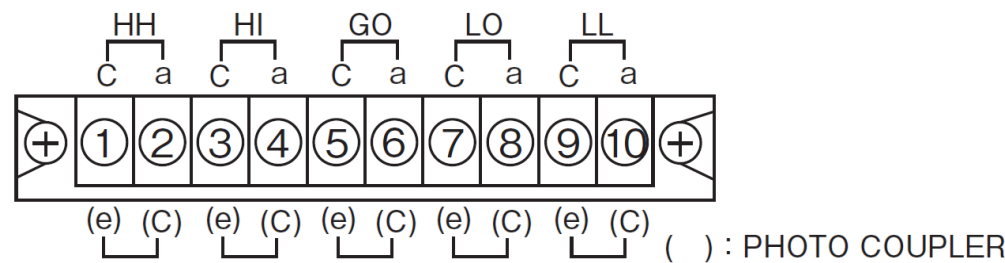
Range	Measurement range	Display Range	Input Impedance	Max. allowable input	Accuracy (23±5°C 35 to 85%RH)
2A	4 to 20mA	Offset: : ±9999	50Ω	±70mA	±(0.2% of FS +1 digit)
		Full scale : ±9999			

Specifications

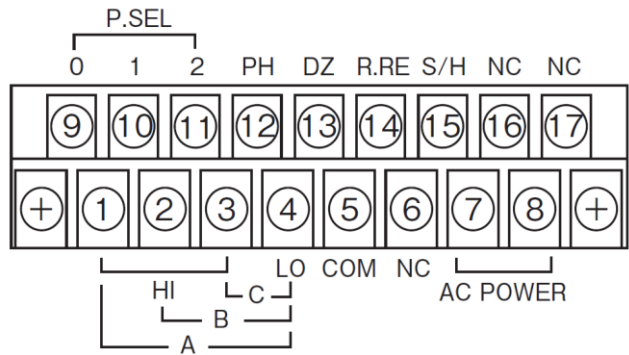
Input configuration	Single ended
A/D conversion	ΔΣ conversion
Over range display	When input exceeds the maximum display, 'o.L.' or '-o.L.'
Decimal point	Able to set to any digit
Dimensions	96mm(W) x 48mm(H) x 148mm(D) DIN size
Input	DC voltage / current
Measurement / input / scaling range	±999.9mV, ±9.999V, 1 to 5V, 4 to 20mA
Sampling rate	1000 times per second
Display	-9999 to 9999 (4 digits) LED (red) 10mm
Operating temperature	0 to 50°C
Operating relative humidity	35 to 85% (non-condensing)
Storage temperature/humidity	-10 to 70°C 60%RH or less
Power supply	90 to 132Vac, 180 to 264Vac 50/60Hz
Power consumption	Approx. 5VA at 100Vac
Weight	Approx. 450g
Dielectric strength	AC power supply 500Vac per 1 min. : Input terminal - COM, comparative output 1500Vac per 1 min. : Power supply terminal - input terminal, COM, case, comparative output
Insulation resistance	500Vdc, 100MΩ or more on the above terminals

Terminal Connections

◆ Upper terminal connections (Relay output)



◆ Lower terminal connections



* Specification is subject to change without notice