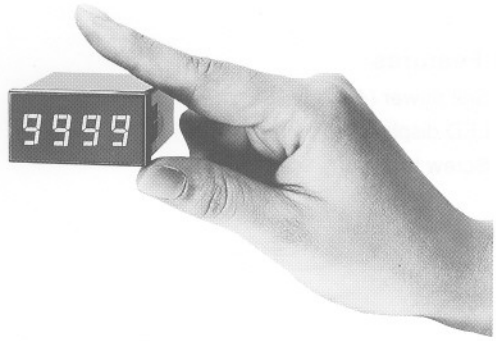
PROCESS MONITOR

AS-243



■ Features

- Easily adjustable offset-fullscale (Span 10000 counts)
- Bright LED, 8 mm (Red)
- DIN size 24 (H)×48 (W) mm
- Power supply DC 24 V (isolated)
- 1-5 V, 0-5 V, 0-10 V, 4-20 mA measurement

■ DC Voltage Measurement

Model	Range	Display	Input Impedance	Input Protection
AS-243-1V	1-5 V	Offset ±5000 fullscale 100 to 9999	1MΩ	±250V
AS-243-2V	0-5V		1MΩ	±250V
AS-243-3V	0-10 V		1MΩ	±250V

Accuracy: ±(0.1%of rdg+2 digit) (23˚C±5˚C 45~75%RH)

■ DC Current Measurement

Model	Range	Display	Internal Resistance	Input Protection
AS-243-2A	4-20mA	Offset ±5000 fullscale 100 to 9999	50Ω	±50mA

Accuracy: ±(0.1% of rdg+2 digit) (23˚C±5˚C 45~75%RH)

■ General Specifications

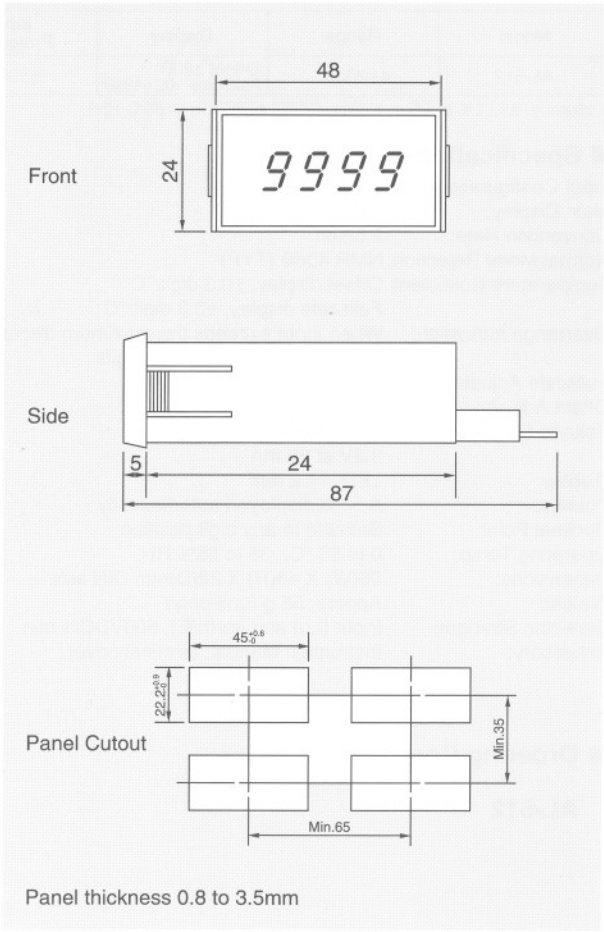
Input configuration :	Single ended
Input bias current :	2 mA (TYP.)
Conversion rate :	2.5/sec
Normal mode rejection :	50dB (TYP.) (50/60 Hz)
Temp. coefficient :	Offset display ±0.5 digit/˚C Fullscale display ±0.01% of span/˚C
Overrange indication :	When input exceeds the maximum display, display flashes
Fullscale adjustment :	100 to 9999
Offset a djustment :	±5000
Span :	10000 counts
Display :	LED, 8 mm (Red)
Polarity :	A "-" is displayed automatically
Scaling :	By switch (rear) and fine volume (front)
Hold :	COM and S/H terminal shorted
Decimal point :	Settable to any digit position
Operating temperature :	0 to 50˚C 35 to 85%RH
Power supply :	DC24V±20%
Power consumption :	30 mA at DC24V
Dimensions :	24(H)×48(W)×87(D)mm DIN size
Weight (unit) :	Approx. 50g
Dielectric strength :	Between input (Lo) and mounted panel, AC 1500V/l min. Between input (Lo) and power supply (0V), DC 500 V/l min.
Insulation resistance :	DC 500 V 100 MΩ or more at the above terminals
Accessory :	Connector, Instruction manual

■ Ordering Code

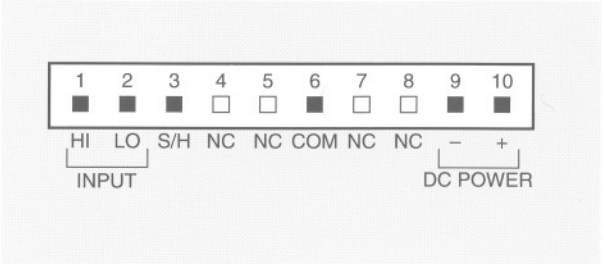
AS-243-□□-4

- 4 — Power Supply 4. DC24V
- □□ — Range: 1V, 2V, 3V, 2A

■ Dimensions



■ Connection Diagram



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