

PROCESS MONITOR

AL-512



■ Features

- Self power (4~20mA)
- LED display 14.2 mm (red)
- Screw terminal

■ 4~20mA Measurement

Model	Range	Display	Input Protection
AL-512	4~20mA	Offset: ± 200 Fullscale: 100~1999	$\pm 50\text{mA}$

Accuracy: $\pm (0.1\% \text{ of FS} + 1 \text{ digit})$ ($23^\circ\text{C} \pm 5^\circ\text{C}$, 35 to 85% RH)

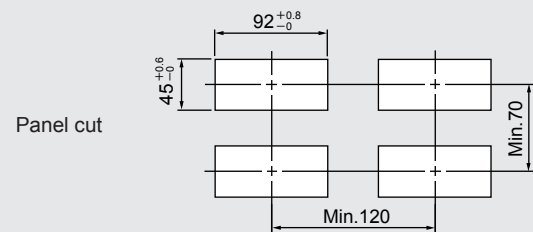
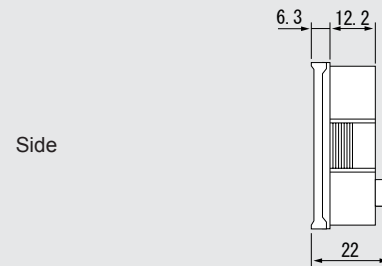
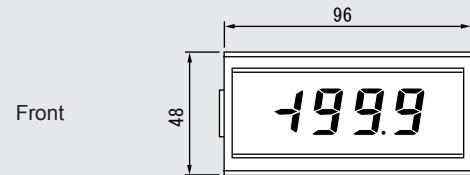
■ Specifications

Input Configuration: Single ended
Max. Display: 1999
Conversion Rate: 2.5/sec
Normal Mode Rejection: NMR 40dB (TYP)
Temperature Coefficient: Offset display, $\pm 0.3 \text{ digit}/^\circ\text{C}$
Fullscale display, $\pm 0.3 \text{ digit}/^\circ\text{C}$
Overrange Indication: When input exceeds the maximum display, display 1 and blank other digits
Fullscale Adjustment: 100 to 1999
Offset Adjustment: ± 200
Voltage Drop: 5V at 4 mA
5.3V at 20 mA
Display: LED, 14.2 mm
Polarity: A "-" is displayed automatically
Decimal Point: Settable to any digit position
Operating Temp: 0 to 50°C , 35 to 85% RH
Dimensions: 96(W) · 48(H) · 22(D)mm DIN size
Weight: Approx. 55 g (unit only)
Dielectric Strength: Input (Lo) and earth(E), 500VDC/1 min.
Accessory: Instruction Manual, terminal cover.

■ Ordering Code

AL-512

■ Dimensions



Panel thickness 0.8 to 3.2mm

■ Connection Diagram

