

# 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	±50mA

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

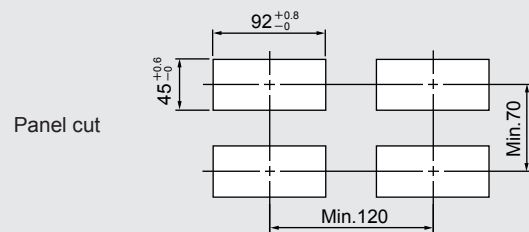
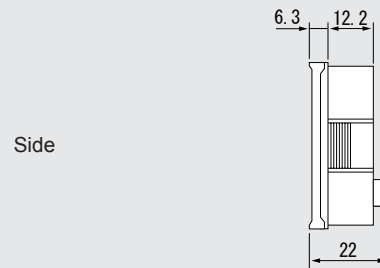
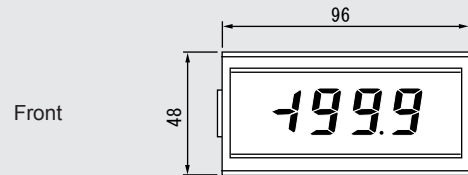
### ■ Specifications

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:	$\pm 200$
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.
Conformity standard:	EN 61326-1 EN IEC 63000

### ■ Ordering Code

**AL-512**

### ■ Dimensions



Panel thickness 0.8 to 3.2mm

### ■ Connection Diagram

