

# PROCESS MONITOR

## AL-213



### ■ Features

- Self power (4-20mA)
- LED display 10.16mm (red)
- Screw terminal

### ■ 4-20mA Measurement

Model	Range	Display	Input Protection
AL-213	4-20mA	Offset $\pm 200$ Fullscale 00-1999	$\pm 50\text{mA}$

Accuracy:  $\pm (0.1\% \text{ of FS} + 1 \text{ digit})$   $0 \sim 50^\circ\text{C}$  35-85%RH

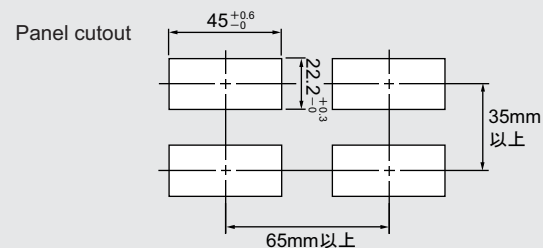
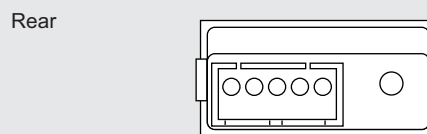
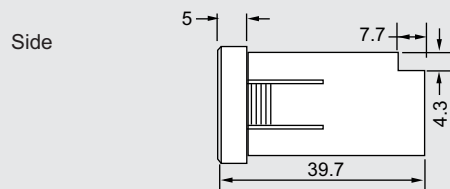
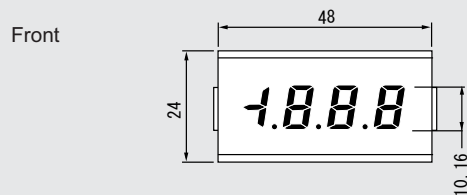
### ■ Specifications

Input Configuration:	Single ended
Max. display:	1999
Conversion rate:	2.5/sec (TYP)
Normal mode rejection:	40 dB (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:	100-1999
Offset adjustment:	$\pm 200$
Voltage drop:	5 V at 4 mA 5.3 V at 20 mA
Display:	LED (red), 10.16 mm
Polarity:	A "-" is displayed automatically
Decimal point:	Settable to any digit position
Operating temp.:	0 -50°C 35-85%RH
Dimensions:	48 (W) $\times$ 24 (H) $\times$ 40 (D) mm DIN size
Dielectric strength:	Between input (LO) and earth (E) DC500 V/min
Weight:	approx. 55 g

### ■ Ordering code

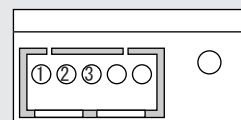
AL-213

### ■ Dimensions



Panel thickness 0.8 to 3.2mm

### ■ Connection Diagram



Terminal No. 1 Input HI  
2 Input LO  
3 Earth