

PROCESS MONITOR

AL-501A

*Self Power(4 to 20mA)



■ Features

- Self power (4~20mA)
- Easily adjustable for offset-fullscale from the front panel
- LCD Display, 12.7 mm
- Screw terminals
- 4~20mA Measurement

■ 4~20mA Measurement

Model	Range	Display Adjustable	Input Protection
AL-501A	4~20mA	Offset±200 Fullscale 100~1999	±50mA

Accuracy: $\pm 0.1\%$ F.S. ± 1 digit ($23^{\circ}\text{C} \pm 5^{\circ}\text{C}$)

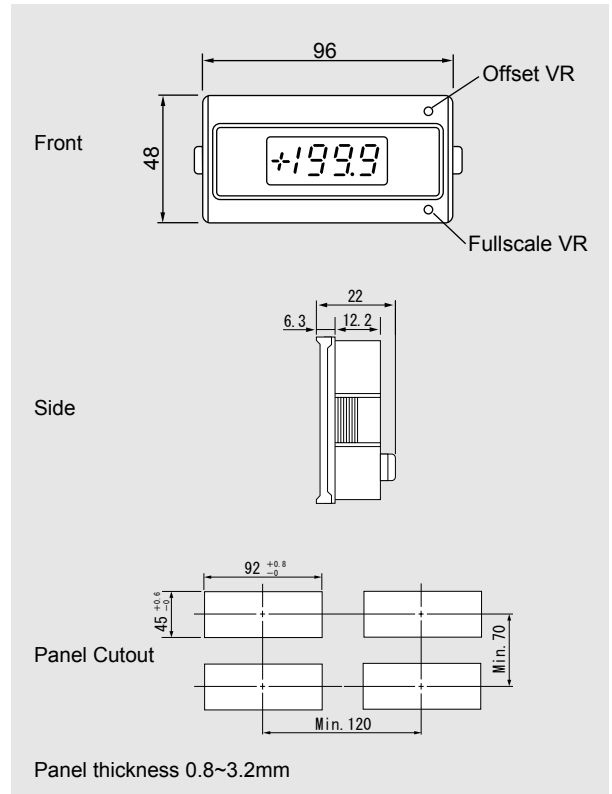
■ Specifications

Input Configuration:	Single Ended
Max. Display:	1999
Conversion Rate:	2.5/sec
Normal Mode Rejection:	NMR 40dB (TYP)
Temperature Coefficient:	Offset display, ± 0.3 digit/ $^{\circ}\text{C}$ (Max.) Fullscale display, ± 0.3 digit/ $^{\circ}\text{C}$ (Max.)
Overrange Indication:	When input exceeds the maximum display, display +1 and blank other digits
Fullscale Adjustment:	100 to 1999
Offset Adjustment:	± 200 digits
Voltage Drop:	2.2V (at 20mA) Typ. 1.6V (at 4mA) Typ.
Display:	LCD, 12.7mm
Polarity:	A "-" is displayed automatically
Decimal Point:	Settable to any digit position
Power Supply:	Current loop power (4 to 20mA)
Operating Temperature:	0 to 50°C , 35 to 85% RH
Dimensions:	48(H) $\times$ 96(W) $\times$ 22(D)mm DIN size
Weight:	Approx. 55 g (unit only)
Dielectric Strength:	Input (Lo) terminal and earth(E), 500VDC/1min.
Accessory:	Instruction Manual
Conformity standard:	EN 61326-1 EN IEC 63000

■ Ordering Code

AL-501A

■ Dimensions



■ Connection Diagram

