

Single-Channel Indicator

AI-501 / AI-500 / AI-701 / AI-700



AI-501 / AI-701
AI-500 / AI-700

Economical
Versatile
Multi-Functional

Applications

- Industrial Ovens
- Plastics Industry
- Hot Stamping Machines
- Packing Equipment
- Control Panel

Main Features

- Measurement Accuracy: 0.2%
- Retransmission Output
- RS-485 Communication
- Multiple Input
- Supports Up to 4 Loops Of Alarms
- Double row display (AI-501/AI-701)
- Single row display (AI-500/AI-700)



Instrument Solutions
Australia

www.instrumentsolutions.com.au

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Specification

Dimensions

A / A2	96 x 96mm (A2: Light bar to show % of PV)
B	160 x 80mm
C / C3	80 x 160mm (C3: Light bar to show % of PV)
D	72 x 72mm
D2(Only For AI-501)	48 x 48mm
E/E5	48 x 96mm(E5: DIN Rail w/o Display)
F	96 x 48mm

Model	AI-501 / AI-500	AI-701 / AI-700
Inputs		
Thermocouple	K,S,R,E,J,N	K,S,R,E,B,J,N,T
RTD	Pt100	Cu50,Pt100
Linear mV Voltages	1~500mV, 0~100mV, 0~60mV, 0~20mV	0~100mV, 0~60mV, 0~20mV
Linear Voltage	0~5V,0~1V,0~10V,1~5V	0~5V,0~1V,0~10V
Linear Current	0~20mA, 4~20mA	0~20mA, 4~20mA
Linear Resistor	0~80ohms ,0~400ohms	0~80ohms ,0~400ohms
Sampling Time	500ms	250ms

Retransmission Outputs	0~20mA, 4~20mA
Alarm Outputs	Relay - 1A 250V
Measurement Accuracy	0.2%FS +/- 1
Retransmission Accuracy	0.3%FS +/- 1
Resolution	0.0°C / 0.0°F, 0.000 A / V / mA / mV
Communication	RS-485
Supply Power	100-240VAC (50~60Hz) or 24VDC

