



Features:

- 4 Digit 7 Segment LED
- Scalable Analog Input
- Digital filtering for Display
- 2 Models : 1) TC/RTD Input type
2) Voltage/Current Input type

Size: 1/8 DIN, 48mm x 96mm

Technical Specifications

Display

Digits	4 digit 7 Segment LED Height of Display 0.56"
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Input Specifications

Inputs	For PIC101A-T-230 : Thermocouple (J,K,T,R,S), RTD (Pt100) For PIC101A-VI-230: Voltage : 0 - 10V DC Current : 0 - 20mA & 4- 20mA DC
Resolution	1 / 0.1° For PIC101A-T-230 only (Fix 1° resolution for R & S type TC) Decimal point position selectable 1/0.1/0.01/0.001 (For PIC101A-VI-230)
Temperature Unit	°C / °F selectable (For PIC101A-T-230)
Indication Accuracy	For PIC101A-T-230: TC Inputs: 0.25% of F.S. ±1° R & S Inputs: 0.5% of F.S. ±2° (20 min of warm up time for TC Inputs) RTD Inputs: 0.1% of F.S. ±1° For PIC101A-VI-230: ±0.5% of F.S., ± 1 digit (F.S. = Full Scale)

Supply Voltage

Supply Voltage	230V AC, ± 20%, 50/60 Hz
Power Consumption	4VA

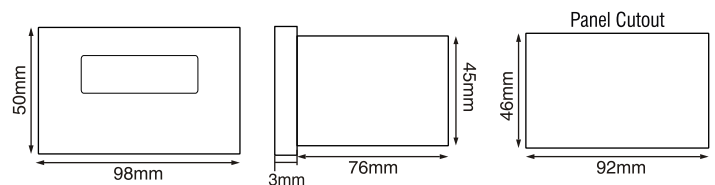
Environmental Specifications

Temperature	Operating: 0 to 50°C (32 to 122°F) Storage: -20 to 75°C (-4 to 167°F)
Humidity (non-condensing)	95% RH
Weight	PIC101A-T-230 : 200 gms PIC101A-VI-230 : 195 gms
Protection Level	IP65 for faceplate

Compliance

IEC/EN 61326 (EMI/EMC)
IEC/EN 61010 Revision3 2010 Edition (Safety)

Dimensions



Mounting Accessories (Supplied with units)

Clamp side with screw assembled

Terminal Connections

PIC101A-T-230

PIC101A-VI-230

IEC Cable Size (mm²): 1.5-2.5 ; Stud Hole for Lug (mm): 3.5 ; Tightening Torque (N-m): 0.8

Input Sensor Range (For PIC101A-T-230)

Resolution		Ranges	
		1	0.1
Sensor Type			
Pt100	°C	-150 to 850	-150 to 850
	°F	-238 to 1562	-199 to 999
J	°C	-199 to 750	-199 to 750
	°F	-328 to 1382	-199 to 999
K	°C	-199 to 1350	-199 to 999
	°F	-328 to 2462	-199 to 999
T	°C	-199 to 400	-199 to 400
	°F	-328 to 750	-199 to 750
R & S	°C	0 to 1750	N/A
	°F	32 to 3182	N/A

Ordering Information

This product is CE certified.

Part No.	Supply Voltage	Type of Input
PIC101A-T-230	230V AC	TC/RTD Input
PIC101A-VI-230	230V AC	0-10V DC/0-20mA & 4-20mA Input