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FEATURES

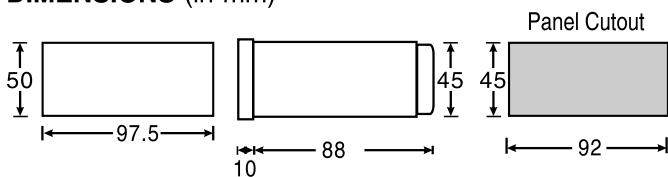
- Inputs:
TC / RTD.
Current : 4 to 20mADC
Voltage: 0 to 10VDC
- High Indication Accuracy: $\pm 0.25\%$
- Sensor Error Compensation (offset) and Break Detection.
- 24 VDC Sensor Supply.
- 85 to 270 VAC/DC Supply Voltage (also available 24 VAC/DC models - Consult factory)

PRODUCT CODE

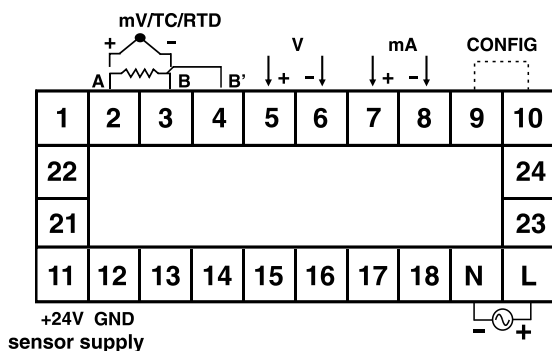
MODEL	SUPPLY VOLTAGE
PIC101-N	85 to 270 VAC/DC

NOTE : For 24VAC/DC models add suffix '- 24'

DIMENSIONS (in mm)



TERMINAL CONNECTIONS*



*Terminal diagram for new version. Refer operating instruction for actual connections

SPECIFICATIONS

1. DISPLAY: 4-digit (7 segment LED 0.5" high).

Display Messages:

- “Or” - Appears when measurement exceeds range or open sensor is detected.
- “rE” - TC reverse.

2. POWER:

- 85 to 270 VAC/DC, 50 or 60 Hz, 5 VA.
- Optional:** 24VAC /DC (Consult Factory).

3. SETTINGS: Via three keys on front panel.

4. MEMORY: Nonvolatile EEPROM retains all programmable parameters and values.

5. MAIN SENSOR INPUT:

- Temperature units : °C/°F
- Resolution : Sensor: 1 / 0.1.
Signal input: 0.001, 0.01, 0.1 & 1 decimal point selectable.

Thermocouple inputs

- J : -200 to 750°C.
- K : -200 to 1350°C.
- T : -200 to 400°C.
- R : 0 to 1750°C.
- S : 0 to 1750°C.

RTD input (2 wire or 3 wire)

- PT100 : -100 to 850°C.
- Voltage : 0 to 10 VDC.
- Current : 0 to 20 mADC.
- mV (linear) : 0 to 56 mV

6. SENSOR SUPPLY

24 VDC to power the sensors.

7. INDICATION ACCURACY:

0.25% of Span $\pm 1^\circ\text{C}$ (After 20min. Warmup).

8. ENVIRONMENTAL CONDITIONS:

- Operating Range : 0 to 50°C.
- Storage Range : -5 to 50°C.
- Humidity : 85% max.

9. ISOLATION BREAKDOWN RATINGS:

AC line with respect to all inputs and outputs: 2000 Volts.

10. CONNECTION: Wire clamping screw terminals.

12. WEIGHT: 210 grams.