



48 x 96mm

**Features :**

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

**Display Specifications**

|         |   |
|---------|---|
| Display | 4 digit 7 Segment LED Single Display<br>Height of Display 0.56" |
|---------|---|

**Input Specifications**

|                     |   |
|---------------------|---|
| Inputs              | <b>For PIC101A-T-230 :</b><br>Thermocouple (J, K, T, R, S), RTD (PT100)<br><b>For PIC101A-VI-230 :</b><br>Voltage : 0 - 10V DC<br>Current : 0 - 20mA & 4 - 20mA DC  |
| Resolution          | 1 / 0.1° For PIC101A-T-230 only<br>(Fix 1° resolution for R & S type TC)<br>Decimal point position selectable<br>1 / 0.1 / 0.01 / 0.001 (For PIC101A-VI-230)  |
| Temperature Unit    | °C / °F selectable (For PIC101A-T-230)  |
| Indication Accuracy | <b>For PIC101A-T-230 :</b><br>TC inputs : 0.25% of F.S. ±1°<br>R & S inputs : 0.5% of F.S. ±2°<br>(20 min of warm up time for TC Inputs)<br>RTD input : 0.1% of F.S. ±1°<br><b>For PIC101A-VI-230 :</b><br>±0.5% of F.S. ± 1 digit<br>(F.S. = Full Scale) |

**Auxiliary Supply Specifications**

|                   |                          |
|-------------------|--------------------------|
| Supply Voltage    | 230V AC, ± 20%, 50/60 Hz |
| Power Consumption | 5 VA max@ 230 V AC       |

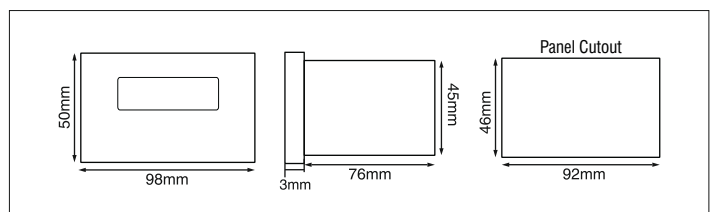
**Environmental Specifications**

|                           |  |
|---------------------------|--|
| Temperature               | Operating : 0 to 50°C (32 to 122°F)<br>Storage : -20 to 75°C (-4 to 167°F) |
| Humidity (non-condensing) | 95% RH   |

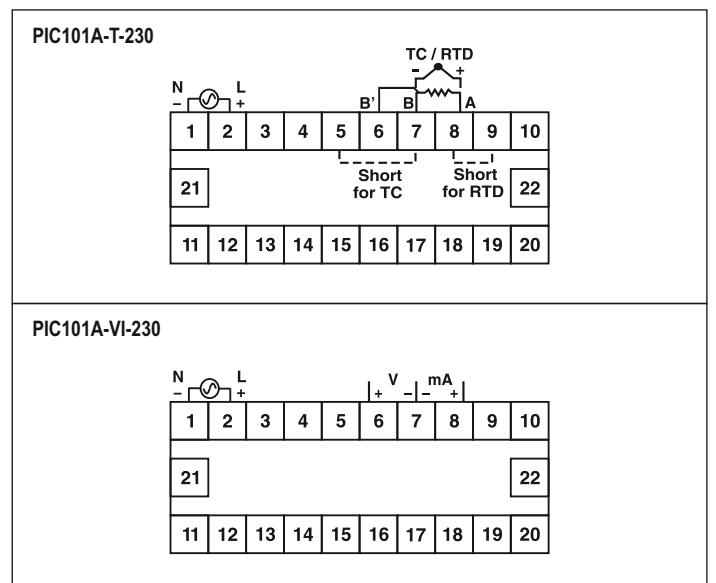
**Mechanical Specifications**

|          |   |
|----------|---|
| Mounting | Panel   |
| Weight   | PIC101A-T-230 : 200 gms<br>PIC101A-VI-230 : 195 gms |

**Dimensions**



**Terminal Connections**



**Ordering Information**

| PRODUCT CODE   | SUPPLY VOLTAGE |
|----------------|----------------|
| PIC101A-T-230  | 230V AC        |
| PIC101A-VI-230 | 230V AC        |

Mounting Accessories (Supplied with units)

|                                 |
|---------------------------------|
| Clamp side with screw assembled |
|---------------------------------|

Input Sensor Ranges (For TC / RTD Inputs)

| Sensor Type |    | Resolution | Ranges       |             |
|-------------|----|------------|--------------|-------------|
|             |    |            | 1            | 0.1         |
| 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         |