


48 x 96mm

**Features :**

- ▶ 4 Digits, 7 Segment LED single display
- ▶ Basic scalable indicator
- ▶ Universal input
- ▶ °C/°F selectable
- ▶ 24 VDC sensor supply

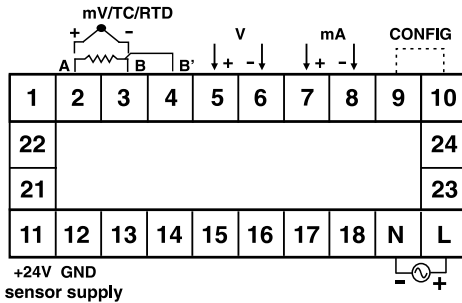
**Certifications:** CE c  US

## Technical specifications

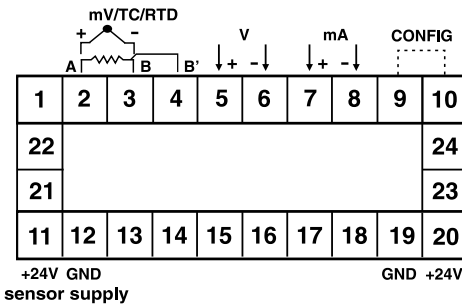
Display	4 Digits 7 Segment LED single display
Height of display	12.7 mm
Inputs	Thermocouple (J, K, T, R, S) RTD (PT100), DC Analog inputs (0 to 56mV, 0 to 10V, 0/ 4 to 20mA)
Resolution	1/ 0.1° for TC/ RTD only (fixed 1° resolution for R & S type TC) Decimal point position selectable: 1/ 0.1/ 0.01/ 0.001 for analog input
Indication accuracy	Temperature: 0.25% of span 1°C (After 20min. Warmup)
Temperature unit	°C/°F selectable
Sensor supply	24 VDC, 30 mA
Supply voltage	90 to 270 VAC/ DC (50/ 60Hz) Optional: 24 VDC, ±10%
Power consumption	5 VA max @ 230 VAC
Temperature	Operating: 0°C to 50°C (32 to 122°F); Storage: - 20°C to 75°C (- 4 to 167°F)
Humidity (non - condensing)	95% RH
Mounting	Panel
Weight	250 gms

## Terminal connections

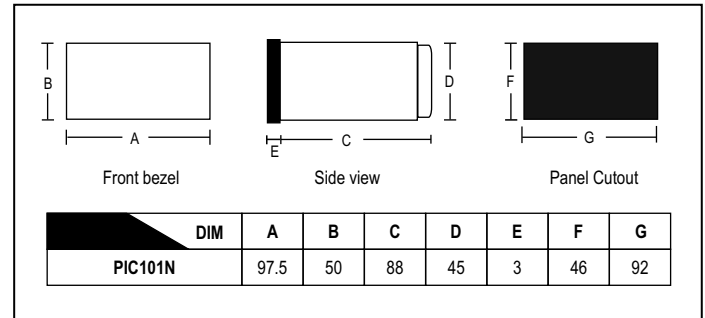
### 1) 230V SUPPLY



### 2) 24V SUPPLY



## Dimensions (All are in mm)



## Compliance

Applicable EMI / EMC Standards		
Product Standard : IEC 61326-1		
Category		Standards Compliance
ESD Immunity	IEC 61000-4-2	Level III
Surge Immunity	IEC 61000-4-5	+/- 2 kV common mode, +/- 1 kV differential mode
Radiated Susceptibility	IEC 61000-4-3	Level III, 80 to 1000MHz Level II, 1.4GHz to 2GHz Level I, 2GHz to 2.7GHz
Conducted Susceptibility	IEC 61000-4-6	Level II
Voltage Dips and Interruptions	IEC 61000-4-11	<b>Dips</b> : 0% residual voltage / 1 cycle (Criteria B), 40% residual voltage / 10 cycles 50Hz / 12 cycles 60Hz (Criteria C) 70% residual voltage / 25 cycles 50Hz / 30 cycles 60Hz (Criteria C) <b>Interruptions</b> : 0% residual voltage / 250 cycles 50Hz / 300 cycles 60Hz (Criteria C)
Conducted Emission	CISPR-11	
Radiated Emission	CISPR-11	
Electrical Fast Transient	IEC 61000-4-4	Level III

## Ordering information

PIC101-N	90 to 270 VAC/ DC	
PIC101N-24V	24 VDC	
PIC101N-CU	90 to 270 VAC/ DC	c us