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SELEC Creating Best Value
Authorised System Integrator

BASIC PROCESS INDICATOR

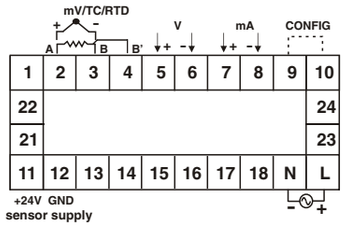
CE cULus E253771

1/8 DIN
48mm x 96mm

ORDERING INFORMATION

Part No.	Supply Voltage
PIC101N	85 to 270V AC/DC
PIC101N-24	24V DC

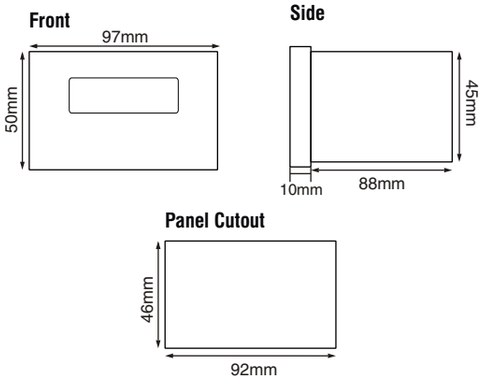
TERMINAL CONNECTIONS



cULus **Cable Size (AWG):** 16-13 ; **Stud Hole for Lug (inch):** 0.137 ; **Tightening Torque (Lb-inch):** 7

IEC **Cable Size (mm^2):** 1.5-2.5 ; **Stud Hole for Lug (mm):** 3.5 ; **Tightening Torque (N-m):** 0.8

DIMENSIONS



All dimensions are in mm (to convert to inches, multiply by 0.03937)

FEATURES

- **4 Digit 7 Segment LED**
- **Basic Scalable Indicator**
- **TC / RTD / Analog Input**
- **°C / °F Selectable**
- **Low Cost**

TECHNICAL SPECIFICATIONS

INPUT SPECIFICATIONS

Inputs	Thermocouple (J,K,T,R,S) RTD (Pt100) DC Analog Inputs (-5 to 56mV, 0 to 10V, 0/4 to 20mA)
Resolution	1 / 0.1°for TC/RTD 1/0.1/0.01/0.001 for analog input
Temperature Unit	°C / °F selectable
Accuracy	For TC inputs: 0.25% of F.S. ±1° For R & S inputs: 0.5% of F.S. ±2° (20 min of warm up time for TC inputs) For RTD inputs: 0.1% of F.S. ±1° For Analog inputs: ±0.5% of F.S., ± 1 digit (F.S. = Full Scale)

OUTPUT SPECIFICATIONS

Sensor Supply	24V DC, 30 mA

GENERAL SPECIFICATIONS

Supply Voltage	85 to 270V AC/DC (50 / 60Hz) OPTIONAL - 24V DC, ±10%
Power Consumption	5VA max @230V AC
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	200 g (0.440 lbs)
Protection Level	IP65 for faceplate