

PIC152N

STANDARD PROCESS INDICATOR

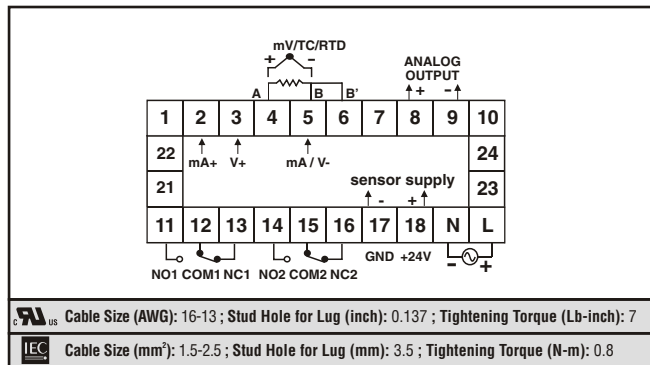


1/8 DIN
48mm x 96mm

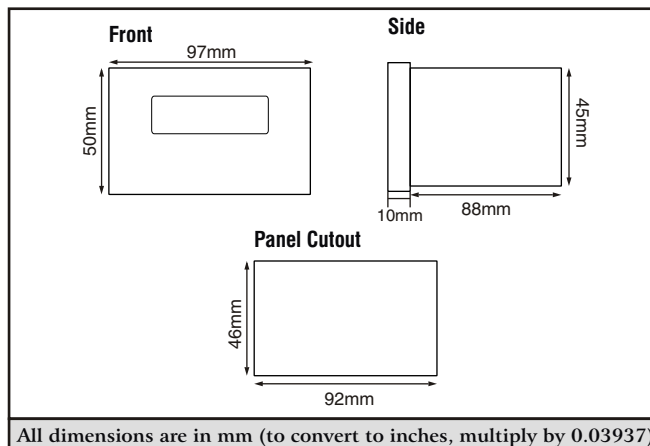
ORDERING INFORMATION

Part No.	Supply Voltage	Retransmission Output	2 Alarm Outputs
PIC152N-B-1	85 to 270V AC/DC	■ 0-20mA DC	■
PIC152N-B-2	85 to 270V AC/DC	■ 4-20mA DC	■
PIC152N-B-3	85 to 270V AC/DC	■ 0-5V DC	■
PIC152N-B-4	85 to 270V AC/DC	■ 0-10V DC	■
PIC152N-A	85 to 270V AC/DC		■
PIC152N-B-1-24	24V DC	■ 0-20mA DC	■
PIC152N-B-2-24	24V DC	■ 4-20mA DC	■
PIC152N-B-3-24	24V DC	■ 0-5V DC	■
PIC152N-B-4-24	24V DC	■ 0-10V DC	■
PIC152N-A-24	24V DC		■

TERMINAL CONNECTIONS



DIMENSIONS



FEATURES

- 4 Digit 7 Segment LED
- LED Status Indicator: Alarm ON
- TC / RTD / Analog Inputs
- °C / °F Selectable
- 2 Alarm Outputs
- Sensor Supply
- Retransmission Output (Optional)

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)

FUNCTIONAL SPECIFICATIONS

Alarms	2
Alarm Modes	High alarm, Low alarm, Band, Fail output and Fault diagnosis
Hysteresis	0.1 to 99.9°
Annunciator	Programmable
Reset Action	Automatic or Latched

OUTPUT SPECIFICATIONS

Alarm	
Contact Rating (SPDT)	5A @ 250V AC or 24V DC, resistive
Retransmission (Optional)	0/4 to 20 mA DC, 0 to 5V DC, 0 to 10V DC
Sensor Supply	24V DC, 30 mA

GENERAL SPECIFICATIONS

Supply Voltage	85 to 270V AC/DC (50 / 60Hz) OPTIONAL - 24V DC, ±10%
Power Consumption	6VA 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	240 g (0.529 lbs)
Protection Level	IP65 for faceplate