SELEC PROCESS INDICATORS PIC152N PROCESS INDICATORS



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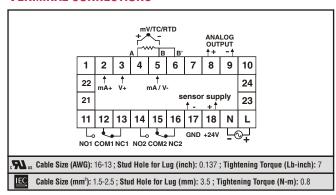
STANDARD PROCESS INDICATORS



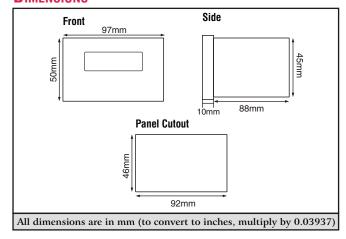
ORDERING INFORMATION

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. $\pm 2^{\circ}$ (20 min of warm up time for TC inputs) For RTD inputs: 0.1% of F.S. $\pm 1^{\circ}$ For Analog inputs: $\pm 0.5\%$ 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 0/4 to 20 mA DC, 0 to 5V DC,

(Optional) 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