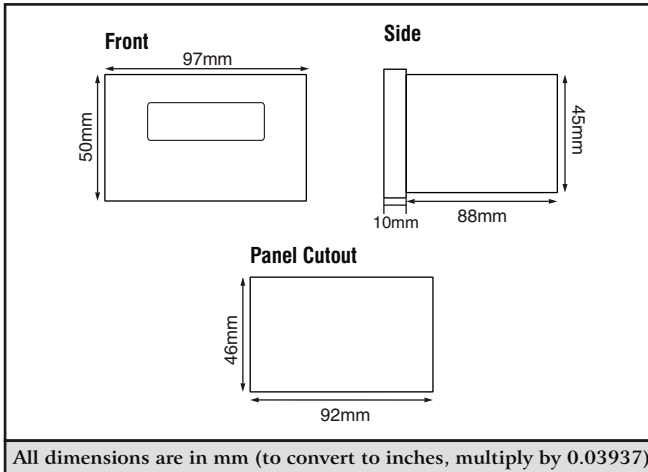




# PIC1000

## ADVANCED PROCESS INDICATOR

### DIMENSIONS



### OPTIONAL SPECIFICATIONS<sup>#</sup>

#### SERIAL COMMUNICATION

Interface standard	RS485
Communication address	1 to 99, maximum of 32 units per line
Transmission mode	Half duplex
Transmission protocol	MODBUS RTU
Transmission distance	500 m maximum
Transmission speed	9600, 4800, 2400, 1200, 600, 300 bits/sec

<sup>#</sup>Optional specifications depend on the type of unit ordered.

### TECHNICAL SPECIFICATIONS

#### INPUT SPECIFICATIONS

Accuracy	For TC inputs: 0.25% of F.S. $\pm 1^\circ$ 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., $\pm 1$ digit (F.S. = Full Scale)
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#### FUNCTIONAL SPECIFICATIONS

Alarms	4
Alarm Modes	High alarm, Low alarm, Band, Fail output and Fault diagnosis
Hysteresis	0.1 to 99.9 $^\circ$
Annunciator	Programmable
User Linearization	2 point scaling
Reset Action	Automatic or Latched

#### OUTPUT SPECIFICATIONS

Alarm	
Contact Rating (SPST)	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
Communication	RS485 (MODBUS)

#### GENERAL SPECIFICATIONS

Supply Voltage	85 to 270V AC/DC (50 / 60Hz) OPTIONAL - 24V DC, $\pm 10\%$
Power Consumption	6VA max @230V AC
Temperature	Operating: 0 to 50 $^\circ$ C (32 to 122 $^\circ$ F) Storage: -20 to 75 $^\circ$ C (-4 to 167 $^\circ$ F)
Humidity (non-condensing)	95% RH
Weight	260 g (0.573 lbs)
Protection Level	IP65 for faceplate