

# RTD RESISTANCE PROBE THERMOMETER

- 304 SS closed end probe measures temperature
- Varies electrical resistance in proportion to temperature changes
- Communicates change in resistance to automated systems

## OPTIONS

- 304 SST Thermowell

## SPECIFICATION

The RTD shall have a 304 stainless steel closed end probe with a 1/2 inch NPT male with hex fitting process connection. The RTD shall change resistance in proportion to a change in temperature and be capable of connecting to a device (such as a signal conditioning card) which can convert that resistance change to a standard 4-20 mA signal.

## MATERIALS OF CONSTRUCTION

Connector Head:.....NB 1 Cast Iron  
 Probe: .....304 SS Closed End  
 Process Connection: .....1/2" NPT Male w/Hex fitting  
 Electrical Connection: .....1/2" NPT Female  
 Sheath Length .....5½" or 11½"  
 Sheath Diameter .....¼"



**RTD RESISTANCE PROBE THERMOMETER**

## APPLICATION DATA

- Building control systems
- Process control systems
- Systems utilizing the EPC Electro-Pneumatic Controller



**ELECTRONIC PRESSURE TRANSMITTER**

# ELECTRONIC PRESSURE TRANSMITTER

- Solid state, calibrated transmitter measures pressure to ±0.5% accuracy
- Outputs 4-20 mA signal; 10-30 VDC unregulated; 100 ohms output impedance
- Integral metal diaphragm and polysilicon bridge are virtually unaffected by shock, vibration or mounting
- Available in ranges 0-30, 0-300 and 0-1000 psig, overpressure protected
- NEMA 4 compliant with cable or waterproof connector
- Operates in 40-200°F
- 1/8 NPT male or female process connection

## SPECIFICATION

The Electronic Pressure Transmitter shall have a 1/8 NPT male or female 316 stainless steel process connection. The Electronic Pressure Transmitter shall measure pressure to ±0.5% accuracy and output a standard 4-20 mA signal with 100 ohms output impedance. The Electronic Pressure Transmitter shall be shock and vibration resistant, overpressure protected, operate within 40-200°F and be NEMA 4 compliant.

## MATERIALS OF CONSTRUCTION

Case: .....304 SS  
 Diaphragm: .....17-4 PH SS  
 Process Connection: .....316 SS

## APPLICATION DATA

- Building control systems
- Process control systems
- Systems utilizing the EPC Electro-Pneumatic Controller