

# RTD-AMB

## Temperature Sensor

### Product Specifications

#### Application . . .

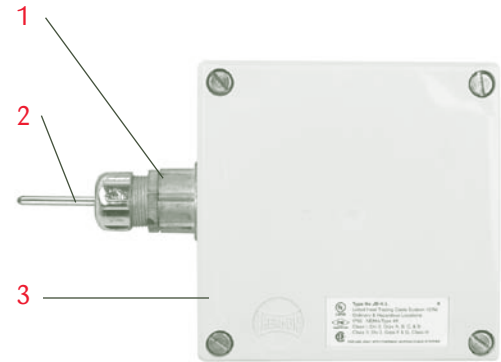
##### Electric Heat Tracing Control

The RTD-AMB is designed to provide ambient sensing control of electric heat tracing circuits for freeze protection of piping and vessels. A nonmetallic NEMA 4X enclosure provides watertight, dusttight and corrosion-resistant protection to the sensor and allows ease of field wiring. It is adaptable for use with a variety of mounting methods.

The RTD-AMB temperature sensor is approved for use in both ordinary (nonclassified) and hazardous (classified) locations.

#### Ratings/Specifications . . .

RTD lead wire.....	24 AWG Kapton insulated (with stainless steel braid)
RTD type.....	3-wire platinum
RTD resistance.....	100 ohms at 32° (0°C)
RTD calibration	Per ASTM E1137 Grade B, DIN std 43760/BS1904/IEC 751
Temperature coefficient.....	.00385 Ohms/Ohms - °C
Sensor housing material .....	316 stainless steel
Bulb dimensions .....	.3/16" dia. x 3" long (4.76 x 76 mm)



#### Construction . . .

- 1 Connector
- 2 RTD Sensing Bulb
- 3 RTD Housing
- 4 Terminal Block (not shown)

#### Certifications/Approvals . . .



**Underwriters Laboratories Inc.**  
 Ordinary Locations  
 Hazardous (Classified) Locations  
 Class I, Division 2, Groups A, B, C and D  
 Class II, Division 2, Groups F and G  
 Class III



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## Typical Wiring Diagram . . .

