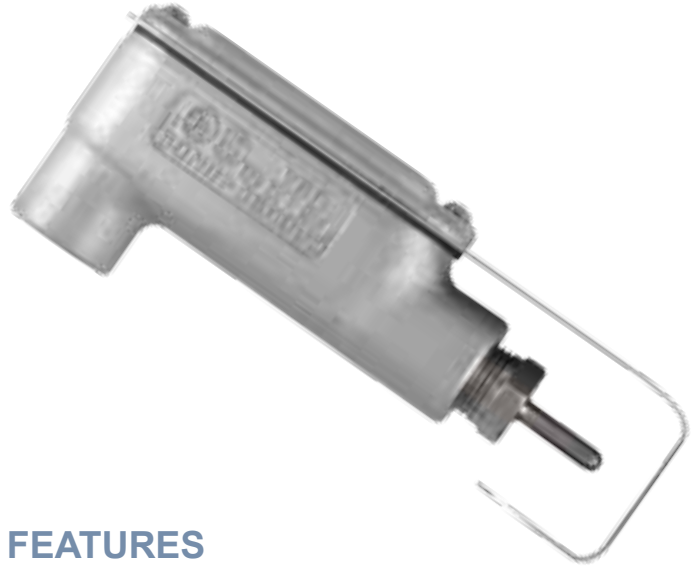


Air Sensing RTD Probe–Outdoor



Quick Time Response
Rugged Design
Outdoor Use



The **Air Sensing RTD Probe–Outdoor** is typically used for outdoor air temperature monitoring. The sensor has a rugged design with a cast aluminum housing and a guard plate to protect the sensor from impact damage. The sensor is ideal for use outdoors or in wash-down applications.

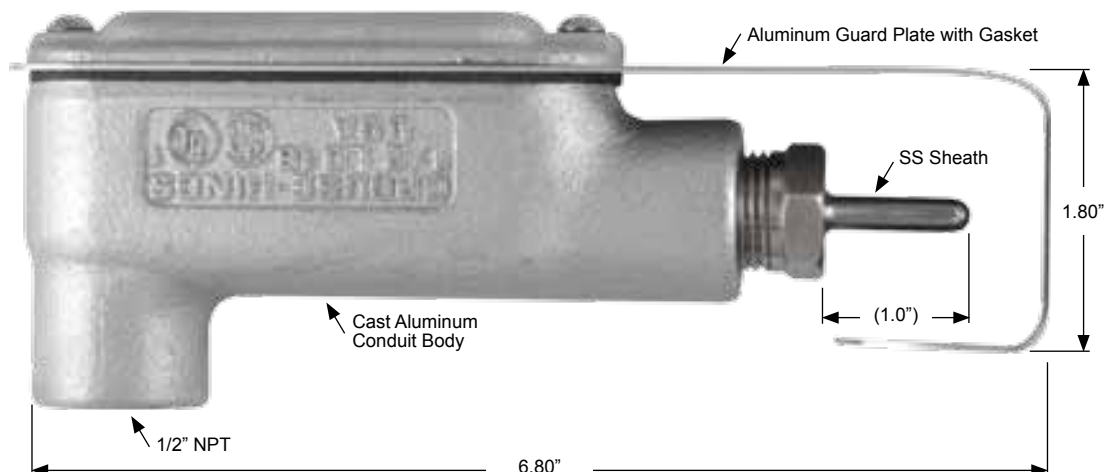
FEATURES

- Cast Aluminum Conduit Housing
- Aluminum Guard Plate
- Stainless Steel Sheath
- Elements, Single:
 - » Platinum

APPLICATIONS

- HVAC

dimensions



Air Sensing RTD Probe—Outdoor

performance specifications

Repeatability:

Less than $\pm .06\%$ change in ice point resistance after 10 consecutive cycles between ice point and 250°C

Long Term Stability:

Less than $\pm .2\%$ ice point resistance shift after 1,000 hours at 250°C

Self Heating:

10 mW/C in water moving 3 feet/sec

Insulation Resistance:

1,000 megohms @ 500 V, leads to case

Vibration:

Withstands 5 to 500 Hz at 3 g-level peak for 3 hours. Per ASTM E 644, Sec. 10.

Shock:

Withstands 50 g-level peak sine wave shock of 11 milliseconds duration. Per ASTM E 644, Sec. 11

ordering info

Air Sensing RTD Probe—Outdoor**Model Temperature Range**

517M Moderate: -50 to 250°C (-58 to 482°F)

Model Element Accuracy Temperature Coefficient

P2A Platinum 100 Ohm $\pm .06\%$ at 0°C .00385

P2B Platinum 100 Ohm $\pm .12\%$ at 0°C .00385

P2C Platinum 100 Ohm $\pm .5\%$ at 0°C .00385

Model Leadwires, Element Configuration Color Code

2S Two Wire, Single Red/White

3S Three Wire, Single Red/Red/White

联系方式



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