

Air Sensing RTD Probe–Faceplate



Quick Time Response
Wall Mount
Small and Large Faceplates
Available with Transmitters
Indoor and Outdoor Use



The **Air Sensing RTD Probe–Faceplate** is typically used for indoor room and outdoor air temperature monitoring. We have three housing styles available which can be utilized for applications that require multiple mounting options. The faceplate sensor design can easily be mounted into a standard 2x4 inch conduit box. The air sensing RTD probes have a small rugged sheath for quick time response as well as a guard which protects the sensor from impact damage.

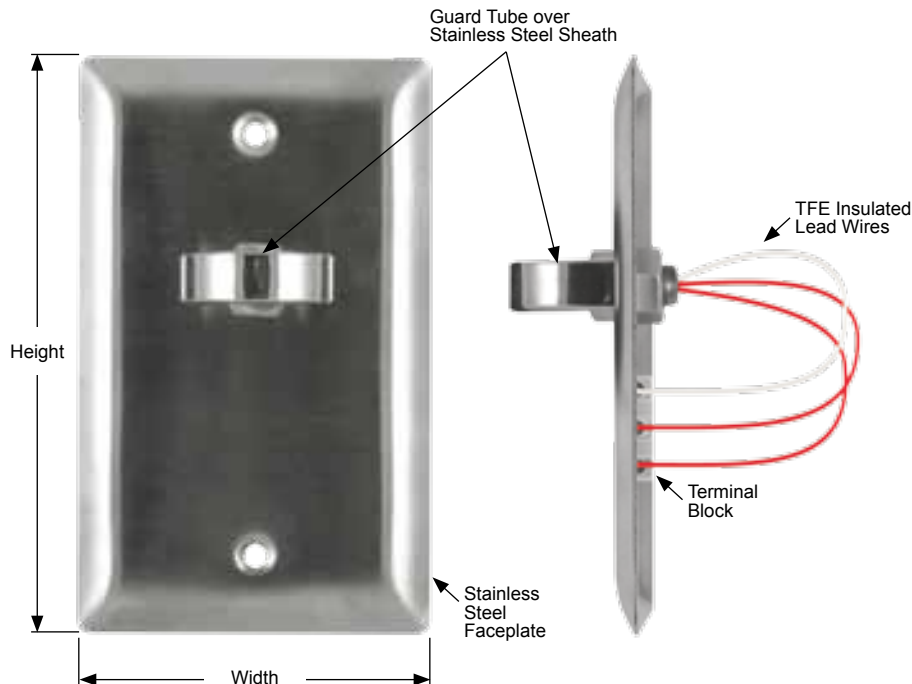
FEATURES

- Stainless Steel Faceplate
- Elements, Single:
 - » Platinum

APPLICATIONS

- HVAC

dimensions



Air Sensing RTD Probe–Faceplate

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–Faceplate**Model Temperature Range**

515M 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

Model Faceplate Size

1 Standard: 4.50" Height x 2.75" Width

2 Large: 5.25" Height x 3.50" Width

Model 'Y' Leadwire/Cable Options

N No Options, Stranded TFE Leadwires (36.0" Standard)

T Transmitter Options

W Leadwire Options

联系方式



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