

Air Sensing RTD Probe–Wall Mount



Quick Time Response
Direct Wall Mount
Available with Transmitters
Indoor and Outdoor Use



The **Air Sensing RTD Probe–Wall Mount** is typically used for indoor room and outdoor air temperature monitoring. The wall mount box sensor housing can be directly mounted to any wall or surface. The air sensing RTD probes have a small rugged sheath for quick time response.

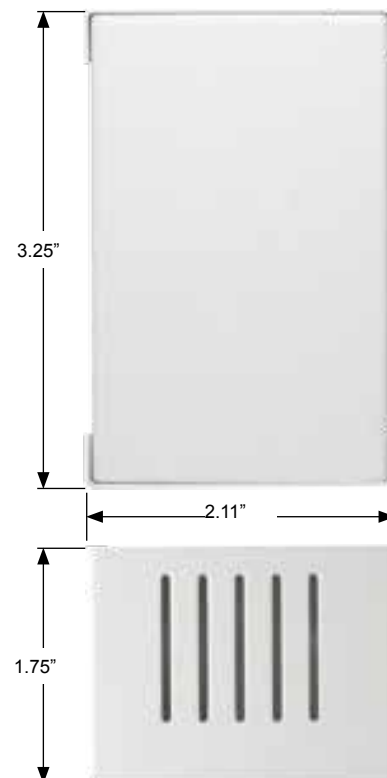
FEATURES

- Powder Coated Aluminum Housing
- Elements, Single:
 - » Platinum

APPLICATIONS

- HVAC

dimensions



Air Sensing RTD Probe–Wall Mount

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–Wall Mount

Model	Temperature Range		
516M	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	'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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