



## MEAS 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

- HVACR

## Performance Specifications

**Repeatability:**

Less than  $\pm .06\%$  change in ice point resistance after 10 consecutive cycles between ice point and 135°C

**Long Term Stability:**

Less than  $\pm .2\%$  ice point resistance shift after 1,000 hours at 135°C

**Self-Heating:**

10 mW/C in water moving 3 feet/sec

**Insulation Resistance:**

1,000 megohms @ 500 V, leads to case

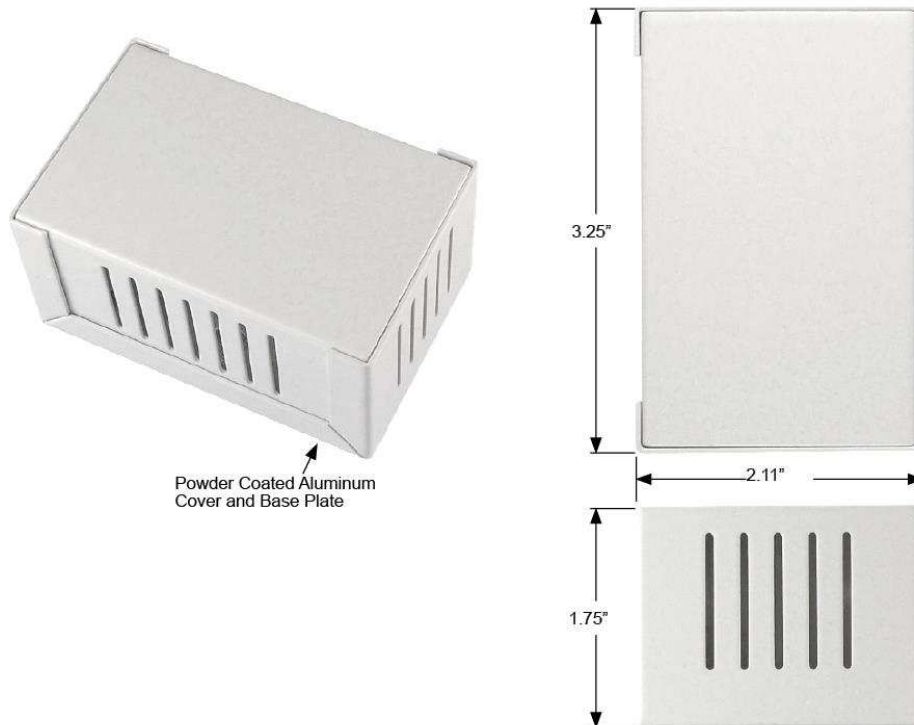
**Vibration:**

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

## Dimensions



## Ordering Information

### AIR SENSING RTD PROBE-WALL MOUNT

#### Model Temperature Range

516M Moderate: -50 to 135°C (-58 to 275°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
T	Transmitter Options
W	Leadwire Options

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