

## Infinity

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### Wall Mount Temperature Sensor

Andover Controls Wall Mount Temperature Sensor provides accurate, reliable measurement of interior room temperature for use in an Andover Controls building automation system. The active sensing element is a highly stable, precision thermistor, accurate to within  $\pm 0.36^{\circ}\text{F}$ . The sensor has an operating range of  $40^{\circ}\text{F}$  to  $100^{\circ}\text{F}$  ( $4.4^{\circ}\text{C}$  to  $37.8^{\circ}\text{C}$ ).

The thermistor is encapsulated with a low mass, high-conductivity thermal compound for good heat transfer characteristics. It is housed in an attractive, well-ventilated plastic enclosure. The unique two-piece enclosure design permits changeout of the thermistor material, which is located in the cover, without removal of the baseplate. The cover is securely snapped into the backplate.

The sensor may be mounted directly on dry wall, or on any electrical outlet box with no adapters required. The sensor is for interior use only, and is not suitable for use where condensation may occur.



#### FEATURES

- **Accurate, Reliable Type III Thermistor**
- **Attractive, Ventilated Two-Piece Housing**
- **Fast Response to Temperature Changes**
- **Easy Installation and Service**

## SPECIFICATIONS

<b>Sensing Element:</b>	Type III Thermistor, 10,000 ohms @ 77°F (25°C)
<b>Range:</b>	40°F to 100°F (4.4°C to 37.8°C)
<b>Accuracy:</b>	± 0.36°F (± 0.2°C)
<b>Stability:</b>	Thermistor will not deviate from accuracy spec for minimum of 5 years
<b>Wiring Connections:</b>	Wiring leads, 2 Yellow, Interchangeable
<b>Wire Specifications:</b>	18, 20, 22 or 24 gauge, 2 conductor, unshielded
<b>Maximum Distance to Sensor:</b>	24 gauge wire: 490 ft. with less than 0.1°F (-17.72°C) error 22 gauge wire: 850 ft. with less than 0.1°F (-17.72°C) error 20 gauge wire: 1,200 ft. with less than 0.1°F (-17.72°C) error 18 gauge wire: 2,000 ft. with less than 0.1°F (-17.72°C) error
<b>Dimensions:</b>	4.50"H x 3.50" W x 0.813"D (11.5 cm H x 8.9 cm W x 2.0 cm D)
<b>Color:</b>	Off-white

## ORDERING INFORMATION

### WALL MOUNT TEMPERATURE SENSOR

MODEL	DESCRIPTION
TTS	Space Temperature Sensor, Type III Thermistor, 10,000 ohms @ 77°F
<b>SENSOR MODEL</b>	
S	Standard Wall Mount Temperature Sensor
<b>BULK PACKAGING</b>	
1	Single Sensor
10	10-Pack
25	25-Pack

  

TTS

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Example: TTS-S-10  
Standard Wall Mount Temperature  
Sensor: Bulk Pack, 10 Count

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