

023-0046 Wall Temperature Sensor Spec & Installation Instructions

Space Temperature Sensor

This probe is designed for temperature measurement of occupied spaces.



Specifications

Probe application	Space temperature
Sensor type	10k type 3
Sensor Operating Temperature Range	-20 to 70 °C (-4 to 158 °F)
Enclosure type	Wall (Design)
Wiring Connections	Pig Tail (2 wire)
Accuracy before calibration	±0.2°C over 0 to 70°C (±0.4°F over 32 to 158°F)

Physical Installation

This space sensor can be mounted directly on a wall or to a wall box. For the most accurate results, units should be mounted on an inside wall to a wall box, away from any supply air exhausts and other sources of heat or cold. Leave the foam isolator on the back of the sensor enclosure. Use a 1.6mm Allan key and turn bottom screws CW until you can open the cover from bottom. You need to open cover to screw the sensor to the wall and to make wire connections.

Wiring & Color codes

Connect between input and GND terminal. This two-wire sensor is polarity insensitive.

MT Alliance Installation

Drop as a 023-0046 or a 023-0043 sensor model

Other available wall temperature sensor (* = regular stock)

MTT Part Number	Probe application	Sensor Type	Drop as
023-0178	Temp+RH for Wall	10k type 3	023-0043
023-0046	Temp only for Wall	10k type 3	Same
023-0327 *	Temp only for Wall	10k type 2	023-0026
023-0026 *	Temp+RH for Wall	10k type 2	023-0026
Call MTT	Other	Other	