

Flush Mount Room Temperature Sensors — Various Outputs



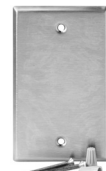
Energy & Atmosphere



Indoor Environmental Quality



Plastic Flush Mount Sensor



Metal Flush Mount Sensor



Button Sensor with Wall Plate



Button Sensor without Wall Plate

Description

Flush Mount Room Temperature Sensors provide a resistance signal to the controller that varies proportionally with temperature. The sensors are available with Platinum 1k Ω 375, NTC 100k Ω Type 2, or NTC 10k Ω Type 2 passive output signals.

The wall plate version is designed to mount to a 2-inch \times 4-inch electrical box. The tamper-proof screws used to install the sensor to the utility box protects the sensor from removal by unauthorized personnel. The sensors may be painted after installation.

Features

- Tamper-proof screws
- Can be painted after installation
- Designed for mounting to a 2 \times 4 electrical box
- Option of brushed stainless steel finish or beige or white plastic (except for button sensor)

Applications

Flush mount temperature sensors are used to monitor air temperature throughout the facility. Flush mounted sensors are ideally suited to high traffic areas and in facilities where vandalism / tampering is a concern.

Flush Mount Temperature Sensor Specifications

Output Signals Changing Resistance

10K Ohm Thermistor
 Calibration Point Factory Setting..... 77°F (25°)
 Accuracy..... ±0.5°F (±0.3°C)
 Resistance Value @ Cal. Temp..... 10k

100K Ohm Thermistor
 Calibration Point..... 77°F (25°)
 Accuracy..... ±0.5°F (±0.3°C)
 Resistance Value @ Cal. Temp..... 100k Ohm

1K Ohm RTD (375 alpha)
 Calibration Point..... 32°F (0°)
 Accuracy..... ±0.54°F (±0.3°C)
 Resistance Value @ Cal. Temp..... 1K Ohm

Flush Mount Temperature Sensor Product Ordering

Application	Description	Output Signal	Part Number	Range	Data Sheet
Room Temp	Button Style Room Temp Sensor without Wall Plate	Platinum 1k Ω 375 alpha	QAA1011.AASU	Controller Dependent	149-471
	Button Style Room Temp Sensor with Wall Plate		QAA1011.AATU		149-471
	Flush Mount Room Temp Sensor Beige Plastic		544-374A		149-956
	Flush Mount Room Temp Sensor White Plastic		544-374B		149-956
	Flush Mount Room Temp Sensor Metal		544-973		149-956
	Flush Mount Room Temp Sensor Beige Plastic	NTC 100k Ω Type 2	536-784A		149-956
	Flush Mount Room Temp Sensor White Plastic		536-784B		149-956
	Flush Mount Room Temp Sensor Metal		536-984		149-956
	Flush Mount Room Temp Sensor Beige Plastic	NTC 10k Ω Type 2	536-994A		149-956
	Flush Mount Room Temp Sensor White Plastic		536-994B		149-956
	Flush Mount Room Temp Sensor Metal		540-984		149-956

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Sensors