Savant Remote Temperature Sensor (SST-TEMP1) Quick Reference Guide

The Savant Remote Indoor Temperature Sensor (SST-TEMP1) is a Type-2 10KΩ Thermistor providing precision room temperature sensing for Heating, Ventilation and Air Conditioning (HVAC) systems. The sensor is flush-mounted and wired using a 2-wire twisted pair or CAT-5 cable. Up to two SST-TEMP1 sensors can be connected to a single SST-W100 Thermostat and up to sixteen can be connected to a single Savant® CLI-8000/8000A 8-Zone Thermostat Processing Unit.

The SST-TEMP1 is designed to integrate seamlessly into a Savant controlled environment.

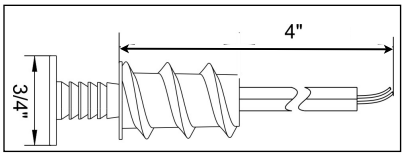
Box Contents

(1) SST-TEMP1
(1) Quick Reference Guide (this document)

Related Components

SST-W100 - Savant Wireless Thermostat
SST-OTEMP1 - Savant Remote Outdoor Temperature Sensor
CLI-8000-XX - 8-Zone Thermostat Processing Unit
CLI-8000A-XX - 8-Zone Thermostat Processing Unit

SST-TEMP1

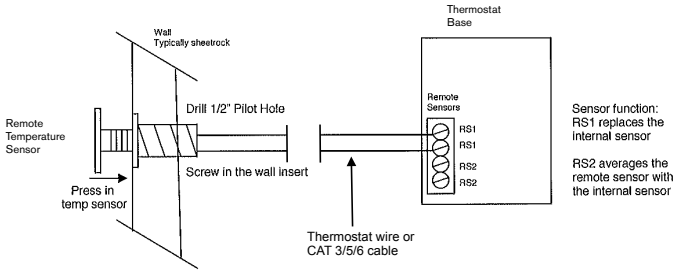


SST-TEMP1 measurements

Specifications

Environmental	
Temperature	32° to 158°F (0° to 70°C)
Cable Requirements	
CAT-5 (24 AWG)	500 ft (152.4 m) (maximum)
Sensor Property	
Thermistor Accuracy	+/- 0.36°F (0.2°C)
Platinum RTD Accuracy	+/- 0.72°F (0.4°C)
Thermistor Range	-94°F to 302°F (-70°C to 150°C)
Platinum RTD Range	-328°F to 572°F (-200°C to 300°C)
Probe Material	Stainless Steel
Thermistor Style	10K ohm@77°F (25°C), Type 2
Cable Properties	FT4, 176°F (80°C), 600V
Compliance	
RoHS	Compliant

Installation Diagram



After drilling the ½" pilot hole, install the flush-mount wall insert into the wall by screwing the insert clockwise until insert is fully seated. After wiring sensor, the sensor is then pressed into the wall insert

Painting the Sensor

If desired, the SST-TEMP1 sensor can be painted to match the color of the wall. Prior to painting, prep the sensor by lightly sanding the plastic enclosure the sensor is potted in. Once roughed up, it can be painted.

Plastering over the Sensor

Savant does not recommend plastering over the sensor. The sensor is made from a nonporous plastic material and plaster will not bond to it well. In addition, the thermal properties of the sensor can be affected when embedded under a layer of plaster.

Additional Information

For additional information related to Climate Control, refer to the dealers.savantsystems.com dealer portal.

Knowledge Base > Savant Hardware > Climate Control

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