

Infinity

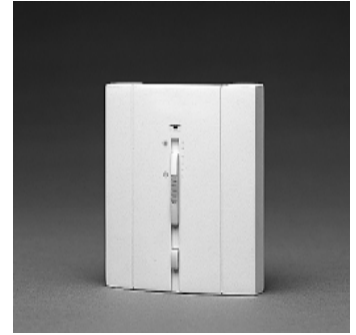
Sensor Plus Temperature Sensor

Andover Controls Sensor Plus provides accurate, reliable measurement of interior room temperature for use in an Andover Controls building automation system. In addition, it is equipped with a setpoint adjustment slider control, an override pushbutton, and programmable LED indicator.

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 32°F to 105°F (0°C to 40°C). The thermistor is encapsulated with a low mass, high-conductivity thermal compound for good heat transfer characteristics.

The Sensor Plus utilizes an attractive, well-ventilated plastic enclosure. The housing 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.

Models include a connection for the Andover Controls' *Infinity* Lap-Top Service Tool.



FEATURES

- **Accurate, Reliable Type III Thermistor**
- **Attractive, Ventilated Two-Piece Housing**
- **Setpoint Adjustment Slider and Override Pushbutton**
- **Programmable LED Indicator**
- **Fast Response to Temperature Changes**
- **Easy Installation and Service**
- **Built-in Service Port for Andover Controls' Lap-Top Service Tool**

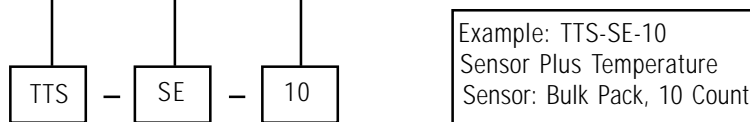
SPECIFICATIONS

Sensing Element:	Type III Thermistor, 10,000 ohms @ 77°F (25°C)
Range:	32°F to 105°F (0°C to 40°C)
Accuracy:	± 0.36°F (± 0.2°C)
Stability:	Thermistor will not deviate from accuracy spec for minimum of 5 years
Wire Specifications:	18, 20, 22 or 24 gauge, 5 conductor, unshielded wire An additional single pair twisted shielded is required for Lap-Top Service Tool connection
Maximum Distance to Sensor:	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
Dimensions:	4.50"H x 2.875" W x 1.125"D (11.4 cm H x 7.3 cm W x 2.8 cm D)
Color:	Off-white
Slider Range:	200 to 10,200 ohms, ± - 20%
LED:	0-5 VDC @ 7 mA

ORDERING INFORMATION

SENSOR PLUS TEMPERATURE SENSOR

MODEL	DESCRIPTION
TTS	Space Temperature Sensor, Type III Thermistor, 10,000 ohms @ 77°F
	SENSOR MODEL
SE	Sensor Plus Temperature Sensor
	BULK PACKAGING
1	Single Sensor
10	10-Pack
25	25-Pack



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