STANDARD OUTDOOR THERMAL SENSOR

THERMISTOR

MODEL PTS-OS3

DESCRIPTION

The Model PTS-OS3 Standard Outdoor Thermistor Sensor is very economical, with an accuracy of +/- 0.5^{o}F (0.28^{o}C) and is compatible with the NT20e or NT120e/h Network Thermostats. The mounting design is based on proven techniques for installation efficiency with a stainless steel probe for durability. The sensor comes with a three year warranty and is made with the highest quality material which offers high reliability.

FEATURES

- Economical
- Durable plastic enclosure (NEMA 3R)
- Three-year warranty
- +/- 0.5^{o}F (0.28^{o}C) accuracy

APPLICATION

The PTS-OS3 can be used for outside air temperature sensing. The design allows for two-point mounting and 1.5in wall separation for more accurate performance. The weather shield protects the stainless steel probe from the effects of rain, sleet, and snow.

SPECIFICATIONS

Sensing Element	Thermistor (thermal resistor)
Accuracy	+/- 0.5^{o}F (0.28^{o}C)
Temp Range	-30°F to 230°F (34 to 110°C)
Temp Response	NTC - Thermistor
Thermistor Stability	0.24^{o}F (0.13^{o}C) over 5 years
Connection	18" (46cm) 24 AWG pigtails
Mounting	Directly to wall
Enclosure	Plastic, NEMA 3R
Probe	304 Stainless Steel
Color	White

DIMENSIONS

Correct position for mounting outdoor air sensor