

Model SP Temperature Sensor

Specification Sheet



- NIST certificates are available
- 24" of wire included with each sensor, more available for purchase
- Designed to be mounted in a standard 1-Gang switch box
- For all Temperature Guard Models

Description:

The temperature sensors incorporate a Class A, Thin Film Platinum RTD sensor which conforms to DIN-IEC-751 platinum RTD standards. These sensors are available in two or three wire configurations, incorporating high accuracy and interchangeability throughout a wide operating temperature range.

Specifications:

Output	1K Ohms @ 32°F (0°C)
Accuracy	+/- 0.06% @ 32°F (0°C) Single Point +/- 1.0 Ohm @ 70°F (Averaging)
Stability	Less than +/- 0.1°C drift
Repeatability	+/- 0.2°C (+/- 0.36°F)
Operating Temperature Range	-58 to 392°F (-50 to 200°C)
Temperature Coefficient	0.00385 Ohm/Ohm/°C
Standardization	DIN-IEC-751 (formerly DIN 43760)
Resistance Characteristics	+/- 0.06% Class A (Standard)
Dimensions	2.75" X 4.5"