

Model BP and BP-V Temperature Sensor

SPECIFICATION SHEET



- NIST certificates are available.
- 10' of wire included with each sensor, more available for purchase
- Vials (BP-V) filled with glass beads are designed to mimic a medicine bottle
- For models VM605E, VM608E, VM505E, VM505 M303, CM712, M305, M306, MA412

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.

These sensors are offered in Room (R)*, BP (bullet probe) BP-V (bullet probe in a vial), and Stainless Plate (SP)*

BP-V vial is approximately 1.25" wide and 2.75" tall and contains about 1 oz. of buffer medium.

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 Temp. Range	BP -58 to 392°F (-50 to 200°C) BP-V -58 to 266°F (-50 to 130°C)
Temperature Coefficient	0.00385 Ohm/Ohm/°C
Standardization	DIN-IEC-751 (formerly DIN 43760)
Resistance Characteristics	+/- 0.06% Class A (Standard)