

Brass Plate Temperature



The TS-BP is a standard strap-on temperature sensor with some additional features. The stainless steel overbraid offers rugged protection to the environment and the brass plate allows for faster responses to temperature changes.

- ◆ Fast temperature readings
- ◆ No thermowell required
- ◆ Rugged armoured leads

Technical Data

Wire: 24 AWG, teflon/teflon stranded with stainless steel overbraid

Lead length: 24"

Sheath material: 316 stainless steel

Probe diameter: 3/16"

Probe length: 2.5"

Brass Plate dimensions: 1" x 1.5"

Sensor type: Pt100 RTD, Pt1000 RTD, 10K Thermistor

Accuracy:

- Pt100: +/- 0.3°C, DIN EN 60751 (according to IEC 751)
- Pt1000: +/- 0.3°C, DIN EN 60751 (according to IEC 751)
- 10K: +/-0.2°C (0...70°C), NTC standard

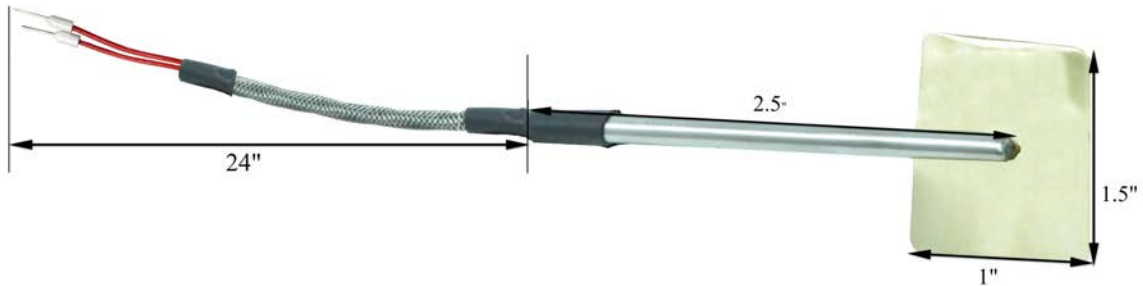
Operating temperature: -50...200°C for RTDs, -50...150°C for 10K thermistor

Termination connection type: tails c/w ferrules

Industry Usage

HVAC, Building automation, Energy management, Waste management

10K Thermister Dimensions



RTD Dimensions



Ordering Data

TS-BP- (sensor type)- (sensor value)
R = RTD 100 = 100 ohms
 1000 = 1000 ohms
T = Thermistor 10K = 10 K ohms

ie. TS-BP-R-100: brass plate temperature sensor with 100 ohm RTD