

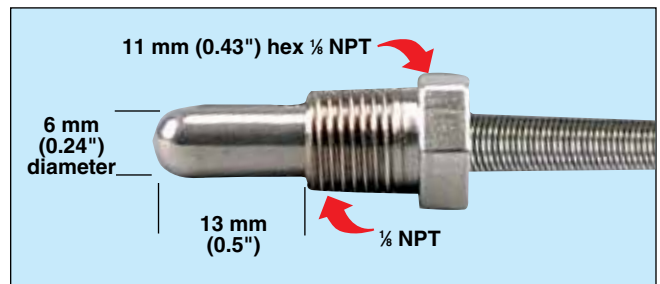
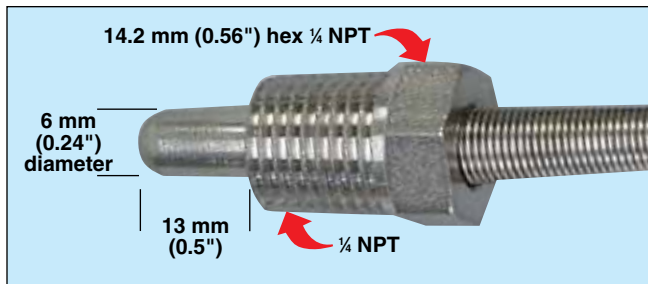
# Pipe-Plug Thermistor Probes

## TH-44004 Series

- ✓ Ideal for Use in Pressure Vessel Applications 2500 psi (172 bar) Maximum
- ✓ Max Temperature 150°C (302°F) or 75°C (167°F) Depending on Option Selected
- ✓ 6 mm Diameter Sheath with ¼ or ½ NPT Mounting Thread Standard; Sheath and Plug are 300 Series Stainless Steel
- ✓ 2 m (80") 26 AWG Stranded, PFA Insulated and Jacketed, SST Braided Cable with Stripped Leads Standard
- ✓ Available in 5 Resistance Values and 2 Tolerances

SST strain relief spring

TH-44004-1/4NPT-80 shown actual size.



### Standard Dimensions

**To Order Visit [omega.com/th-44000-npt](http://omega.com/th-44000-npt) for Pricing and Details**

Model Number	Resistance @ 25°C	Tolerance @ 0 to 70°C	Sheath Diameter (mm)	Cable Lgth m (inch)	Cable Termination
TH-44004-1/4NPT-80	2252 Ω	±0.2°C	6	2 (80)	Stripped
TH-44004-1/8NPT-80	2252 Ω	±0.2°C	6	2 (80)	Stripped

**Options:** Other thermistors selections are available—select from the table below, insert the thermistor number into the model number and add any additional price shown into the probe price. For phone plug option, add “-PP” to the model number for an additional cost. For leads over 2 m (80”), change model number to required length for an additional cost. For longer cable length, contact Sales.

**Ordering Examples:** TH-44004-1/4NPT-80, ¼ NPT pipe plug sensor, 2252 Ω at 25°C, interchangeability ±0.2°C, 2 m (80”) of cable.

TH-44033-1/8NPT-120-PP, ⅛ NPT pipe plug sensor, 2252 Ω at 25°C, interchangeability ±0.1°C, 3 m (10’) of cable with phone plug connector.

### Thermistor Selection Table

Model Number	Resistance @ 25°C	Tolerance @ 25°C	Max Temperature
44004	2252 Ω	±0.2°C	150°C (302°F)
44005	3000 Ω		
44007	5000 Ω		
44006	10000 Ω		
44008	30000 Ω		
44033	2252 Ω	±0.1°C	75°C (167°F)
44030	3000 Ω		
44034	5000 Ω		
44031	10000 Ω		
44032	30000 Ω		