

Pipe-Plug Thermistor Probes

TH-44004 Series

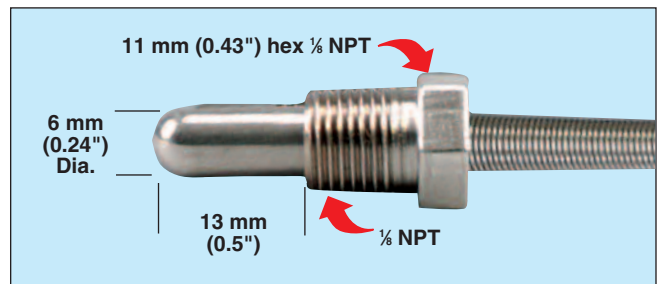
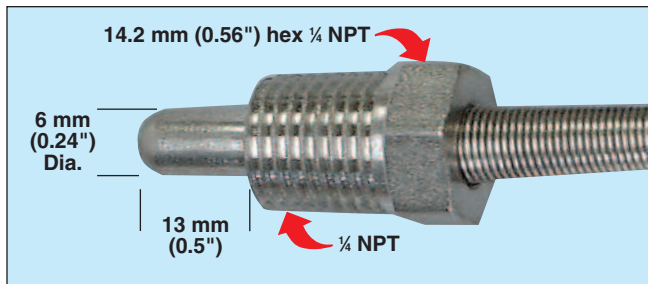
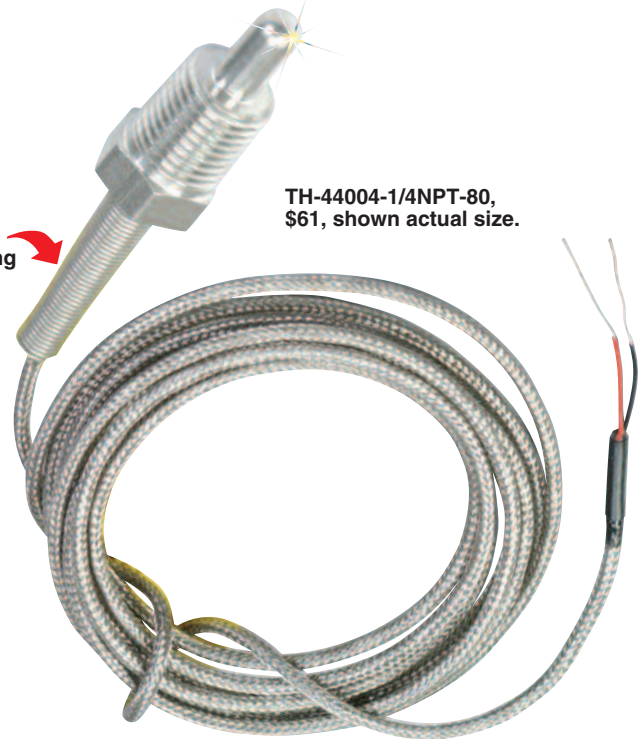
\$61



- ✓ Ideal for Use in Pressure Vessel Applications 2500 PSI (172 bar) Max
- ✓ 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, \$61, shown actual size.



Standard Dimensions

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)						
Model Number	Price	Resistance @ 25°C	Tolerance @ 0 to 70°C	Sheath Dia. (mm)	Cable Lgth m (in)	Cable Termination
TH-44004-1/4NPT-80	\$61	2252 Ω	±0.2°C	6	2 (80)	Stripped
TH-44004-1/8NPT-80	61	2252 Ω	±0.2°C	6	2 (80)	Stripped

Options: Other thermistor 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 and \$7 to the price. For leads over 2 m (80”), change model number to required length and add \$10/m to the price. 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, \$61.

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, \$61 + 11 + (1 x 10) + 7 = \$89.

Thermistor Selection Table

Model Number	Add'l Price	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	\$11	2252 Ω	±0.1°C	75°C (167°F)
44030	11	3000 Ω		
44034	11	5000 Ω		
44031	11	10000 Ω		
44032	11	30000 Ω		



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz
Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl
Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters