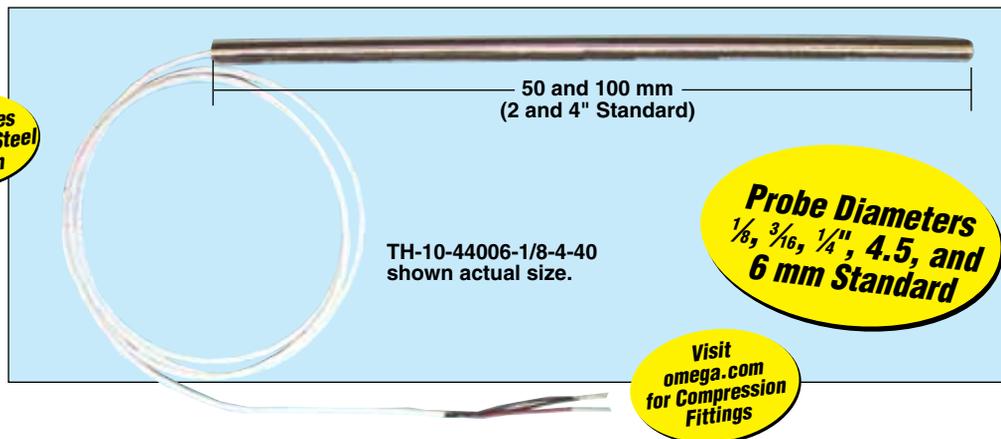


General Purpose Thermistor Probes

TH-10-44000 Series



300 Series
Stainless Steel
Sheath



- ✓ Straight Stainless Steel Sheath—No Transition
- ✓ Temperature Range -80 to 150°C (-112 to 302°F)
- ✓ Variety of Thermistor Resistances Available

- ✓ Compatible With SSLK and BRLK Compression Fittings
- ✓ 1 m (40") 26 AWG Stranded, PFA Insulated and Jacketed Cable with Stripped Leads Standard



Standard Dimensions

To Order Visit omega.com/th-10-44000 for Pricing and Details

Model Number	Thermistor Resistance @ 25°C (0 to 70°C)	Tolerance Sheath	Sheath Length (inch)
TH-10-44007-(*)-2-40	5000 Ω	±0.2°C	2
TH-10-44006-(*)-2-40	10000 Ω	±0.2°C	2
TH-10-44007-(*)-4-40	5000 Ω	±0.2°C	4
TH-10-44006-(*)-4-40	10000 Ω	±0.2°C	4

* Specify probe diameter as 1/8, 3/16 or 1/4.

Options: Standard probe length is 2 and 4". For longer lengths, change model number to length required (in inches) and add additional cost. Standard cable length is 1 m (40"). For longer lengths, change the model number to the length required (in inches) for additional cost. For a phone plug connector, add "-PP" to the model number for additional cost. Optional resistances of 2252, 3000 and 30,000 Ω and ±0.1°C interchangeability tolerances are available. No change in price for 2252, 3000 or 30000 Ω thermistor (±0.2°C), for ±0.1°C interchangeability tolerance add additional cost.

Ordering Examples: TH-10-44007-1/8-2-40, 1/8" Dia. by 2" long probe, 2252 Ω at 25°C, ±0.2°C interchangeability, 40" of cable and stripped leads. TH-10-44006-3/16-6-80, 3/16" Dia. by 6" long probe with 10000 Ω at 25°C, ±0.2°C interchangeability, 80" of cable and stripped leads.

Metric Dimensions

Model Number	Thermistor Resistance @ 25°C (0 to 70°C)	Tolerance Sheath	Sheath Length (mm)
TH-10-44007-(*)-50-1	5000 Ω	±0.2°C	50
TH-10-44006-(*)-50-1	10000 Ω	±0.2°C	50
TH-10-44007-(*)-100-1	5000 Ω	±0.2°C	100
TH-10-44006-(*)-100-1	10000 Ω	±0.2°C	100

* Specify probe diameter as M4.5 or M6.

Options: Standard probe length is 50 and 100 mm. For longer lengths, change model number to length required (in mm) for additional cost. Standard cable length is 1 m (40"). For longer lengths, change the model number to the length required (in mm) for additional cost. For a phone plug connector, add "-PP" to the model number for additional cost. Optional resistances of 2252, 3000 and 30,000 Ω and ±0.1°C interchangeability tolerances are available. No change in price for 2252, 3000 or 30000 Ω thermistor (±0.2°C), for ±0.1°C interchangeability tolerance add additional cost.

Ordering Examples: TH-10-44007-M6-50-1, 6 mm Dia. by 50 mm long probe with 5000 Ω at 25°C, ±0.2°C interchangeability, 1 m of cable and stripped leads. TH-10-44006-M4.5-150-2, 4.5 mm Dia. by 150 mm long probe with 10000 Ω at 25°C, ±0.2°C interchangeability, 2 m of cable and stripped leads.