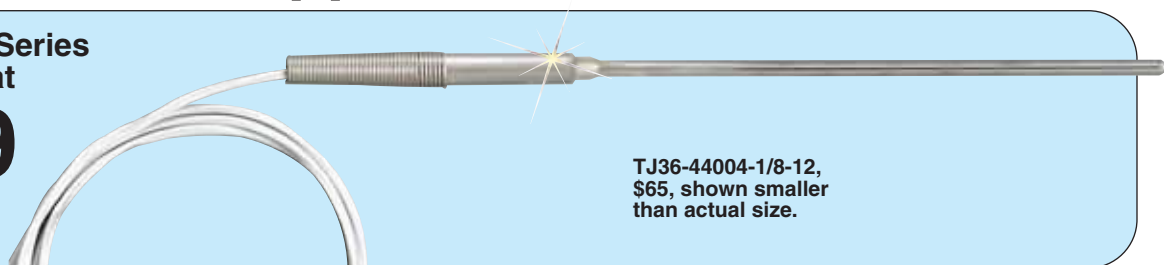


# Transition Joint-Style Thermistor Probes For Immersion Applications

TJ36-44000 Series  
Starts at

**\$59**



TJ36-44004-1/8-12,  
\$65, shown smaller  
than actual size.

- ✓ Max Temperature 150°C (302°F) or 75°C (167°F) Depending on Option Selected
- ✓ 316 Stainless Steel Sheath Available in 3, 4.5 and 6 mm Diameters (1/8", 3/16" and 1/4")
- ✓ 1 m (40") of #26 AWG Stranded, PFA Insulated and Jacketed Cable Standard, (Other Lengths Available)
- ✓ Available in 5 Resistance Values and 2 Tolerances

## Standard Dimensions

  **MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)							
Model Number	Price	Resistance @ 25°C	Tolerance @ 0 to 70°C	Sheath Dia. (in)	Sheath Lgth (in)	Cable Lgth (in)	Cable Termination
TJ36-44004-1/8-12	\$65	2252 Ω	±0.2°C	1/8"	12	40	Stripped
TJ36-44004-3/16-12	62	2252 Ω	±0.2°C	3/16"	12	40	Stripped
TJ36-44004-1/4-12	59	2252 Ω	±0.2°C	1/4"	12	40	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 sheath lengths longer than 12", change model number to length required and add \$1/in to the price. Sheath lengths from 2 to 12", no additional charge. For phone plug option, add "-PP" to the model number and \$7 to the price. For leads over 1 m (40"), change model number to required length and add \$1.40/ft to the price.

**Ordering Examples:** TJ36-44004-3/16-9-PP, 3/16" diameter probe, 9" L with 44004 thermistor, 40" of leads with phone plug, \$62 + \$7 = \$69.

## Metric Dimensions

To Order (Specify Model Number)							
Model Number	Price	Resistance @ 25°C	Tolerance @ 0 to 70°C	Sheath Dia. (mm)	Sheath Lgth (mm)	Cable Lgth (m)	Cable Termination
TJ36-44004-M3-300	\$65	2252 Ω	±0.2°C	3	300	1	Stripped
TJ36-44004-M4.5-300	62	2252 Ω	±0.2°C	4.5	300	1	Stripped
TJ36-44004-M6-300	59	2252 Ω	±0.2°C	6	300	11	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 sheath lengths longer than 300 mm, change model number to length required and add \$1/25 mm to the price. Sheath lengths from 50 to 300 mm, no additional charge. For phone plug option, add "-PP" to the model number and \$7 to the price. For leads over 1 m (40"), change model number to required length and add \$4.60/m to the price.

**Ordering Examples:** TJ36-44004-M4.5-225-PP, 4.5 mm diameter probe, 225 mm long with 44004 thermistor, 1 m of leads with phone plug, \$62 + \$7 = \$69.

## Thermistor Selection Table

Model Number	Add'l Price	Resistance @ 25°C	Tolerance @ 25°C	Max Temperature
44004	—	2252 Ω	±0.02°C	150°C (302°F)
44005	—	3000 Ω		
44007	—	5000 Ω		
44006	—	10000 Ω		
44008	—	30000 Ω		
44033	\$11	2252 Ω	±0.01°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](http://www.omega.com)  
1-800-TC-OMEGA  
Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)  
Laval(Quebec)  
1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)  
Deckenpfronn, Germany  
0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)  
Manchester, England  
0800-488-488

#### FRANCE

[www.omega.fr](http://www.omega.fr)  
Guyancourt, France  
088-466-342

#### CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)  
Karviná, Czech Republic  
596-311-899

#### BENELUX

[www.omega.nl](http://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