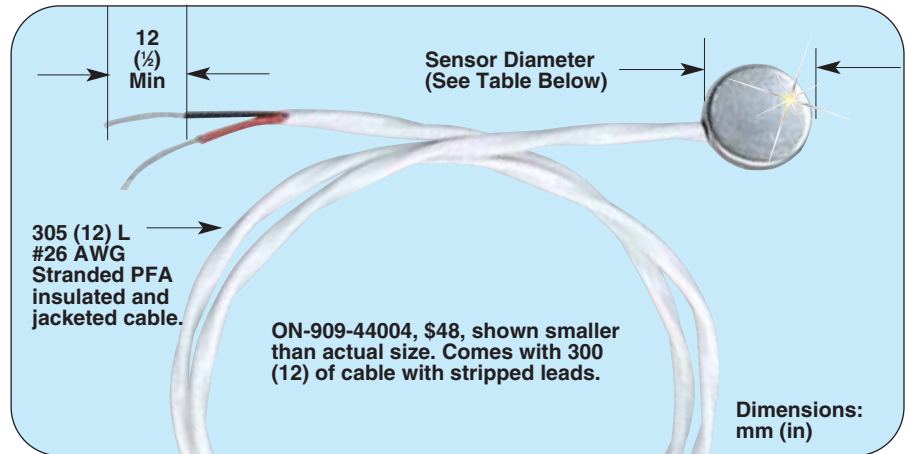


# Precision Thermistor Sensor For Surface Temperature Measurements



ON-909 Series Starts at **\$48**



- ✓ Thermistor is Contained in a Stamped, 300 Series Stainless Steel Housing and is Epoxy Encapsulated
- ✓ Construction Provides Maximum Surface Contact
- ✓ Ideally Suited for Applications Such as Determining Heat Loss, Compressor Efficiency and Measuring Manifold or Bearing Temperature
- ✓ Max Temperature 100°C (212°F)

**MOST POPULAR MODELS HIGHLIGHTED!**

## To Order (Specify Model Number)

Model Number	Price	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Max Temp	Tip Dia. (in)	Cable Length	Cable Termination
ON-409-PP	\$62	2252 Ω	±0.1°C	100°C (212°F)	0.44"	3 m (120")	Phone plug
ON-909-44004	48	2252 Ω	±0.2°C	100°C (212°F)	0.38"	300 mm (12")	Stripped
ON-909-44005	48	3000 Ω	±0.2°C	100°C (212°F)	0.38"	300 mm (12")	Stripped
ON-909-44007	48	5000 Ω	±0.2°C	100°C (212°F)	0.38"	300 mm (12")	Stripped
ON-909-44006	48	10000 Ω	±0.2°C	100°C (212°F)	0.38"	300 mm (12")	Stripped
ON-909-44008	48	30000 Ω	±0.2°C	100°C (212°F)	0.38"	300 mm (12")	Stripped
ON-909-44004-40	49	2252 Ω	±0.2°C	100°C (212°F)	0.38"	1 m (40")	Stripped
ON-909-44005-40	49	3000 Ω	±0.2°C	100°C (212°F)	0.38"	1 m (40")	Stripped
ON-909-44007-40	49	5000 Ω	±0.2°C	100°C (212°F)	0.38"	1 m (40")	Stripped
ON-909-44006-40	49	10000 Ω	±0.2°C	100°C (212°F)	0.38"	1 m (40")	Stripped
ON-909-44008-40	49	30000 Ω	±0.2°C	100°C (212°F)	0.38"	1 m (40")	Stripped

**Notes:** For additional cable length, add required length (in inches) to end of the model number and **\$0.80/ft** to the price. For a phone plug, add "-PP" to the model number and **\$7** to the price. For tighter interchangeability, substitute the thermistor part number from the table below and add the price listed to the sensor price.

**Ordering Examples:** ON-909-44004-40-PP, surface thermistor sensor with a resistance of 2252 Ω at 25°C and an interchangeability of ±0.2°C, 1 m (40") of cable and a phone plug connector, \$49 + \$7 = **\$56**. ON-909-44032-40-PP, surface thermistor sensor with a resistance of 30000 Ω at 25°C and an interchangeability of ±0.1°C, 1 m (40") of cable and a phone plug connector, \$49 + 11 + \$7 = **\$67**.

## Optional Thermistors

Model Number	Additional Price	Resistance @ 25°C (Ω)	Maximum Working Temp	Interchangeability @ 0 to 70°C	Storage and Working Temp for Best Stability
44033	\$11	2252	75°C (165°F)	±0.1°C	-80 to 75°C (-110 to 165°F)
44030	11	3000	75°C (165°F)	±0.1°C	-80 to 75°C (-110 to 165°F)
44034	11	5000	75°C (165°F)	±0.1°C	-80 to 75°C (-110 to 165°F)
44031	11	10,000	75°C (165°F)	±0.1°C	-80 to 75°C (-110 to 165°F)
44032	11	30,000	75°C (165°F)	±0.1°C	-80 to 75°C (-110 to 165°F)

# Precision Thermistor Sensors For Laboratory Applications

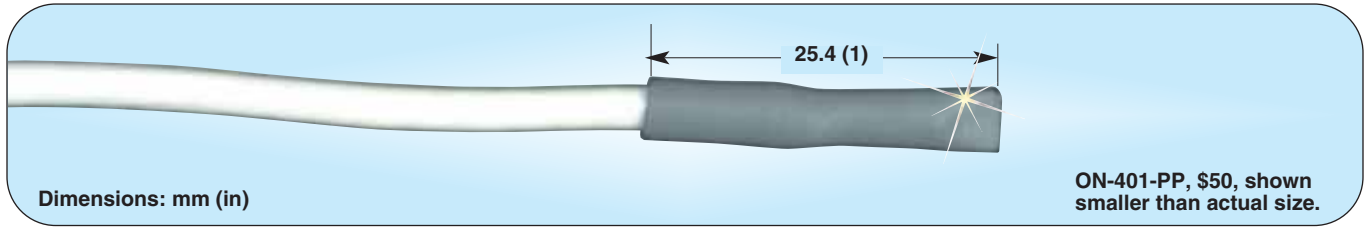
ON-400 Series Starts at

**\$50**



✓ For Use in Laboratory or Other High-Accuracy Applications

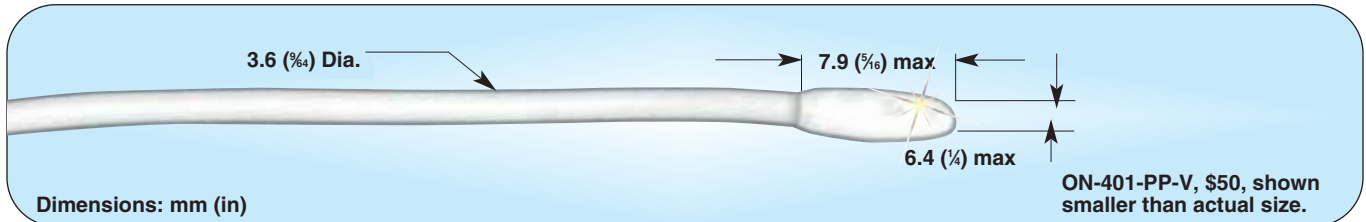
- ✓ Rugged Construction Can Be Used for Short-Term Water and Soil Readings
- ✓ Available with a Resistance of 2252 Ω at 25°C (Thermistor Curve #44004)
- ✓ Supplied with 3 m (120") of PVC Insulated Cable and Phone Plug Connector
- ✓ Max Temperature 100°C (212°F)



**MOST POPULAR MODELS HIGHLIGHTED!**

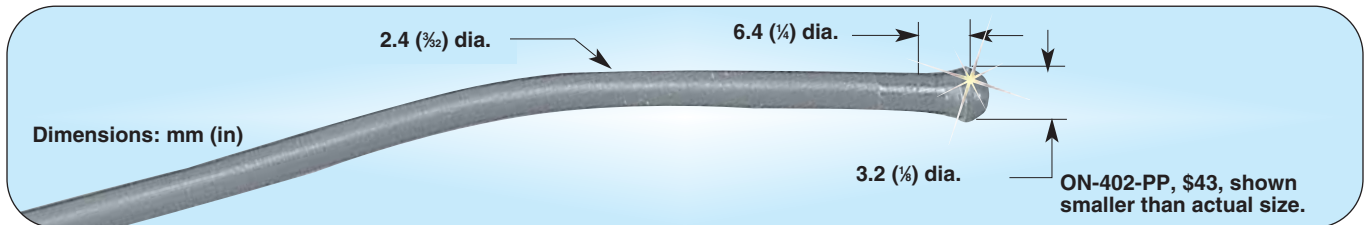
To Order (Specify Model Number)						
Model Number	Price	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Temperature Rating	Cable Length	Cable Termination
ON-401-PP	\$50	2252 Ω	±0.1°C	100°C (212°F)	3 m (120")	Phone plug

**Notes:** For additional cable length, add required length (in inches) to end of the model number and **\$0.80/ft** to the price.  
**Ordering Example:** ON-401-PP, vinyl coated thermistor sensor, 2252 Ω resistance at 25°C, ±0.1°C interchangeability from 0 to 70°C (32 to 158°F), supplied with 3 m (120") of PVC insulated and jacketed cable with a phone plug connector standard, **\$50**.



To Order (Specify Model Number)						
Model Number	Price	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Temperature Rating	Cable Length	Cable Termination
ON-401-PP-V	\$50	2252 Ω	±0.1°C	100°C (212°F)	3 m (120")	Phone plug

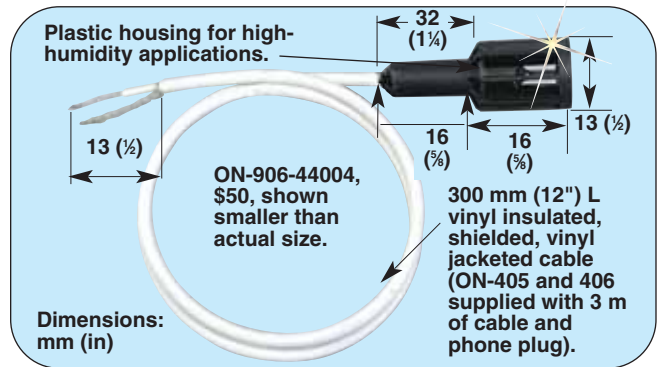
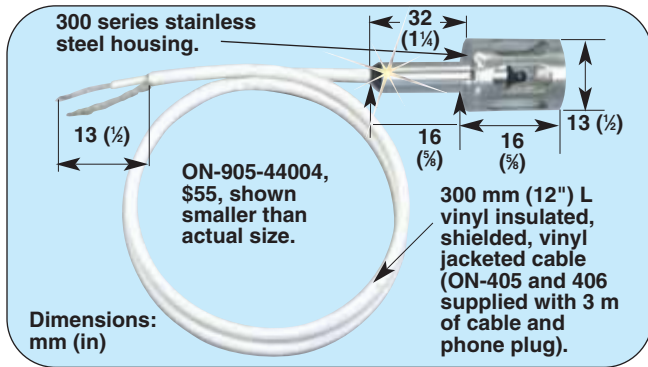
**Notes:** For additional cable length, add required length (in inches) to end of the model number and **\$0.80/ft** to the price.  
**Ordering Example:** ON-401-PP-V, soft flexible vinyl tipped thermistor sensor, 2252 Ω resistance at 25°C, ±0.1°C interchangeability from 0 to 70°C (32 to 158°F), supplied with 3 m (120") of PVC insulated and jacketed cable with a phone plug connector standard, **\$50**.



To Order (Specify Model Number)						
Model Number	Price	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Temperature Rating	Cable Length	Cable Termination
ON-402-PP	\$80	2252 Ω	±0.1°C	100°C (212°F)	3 m (120")	Phone plug

**Ordering Example:** ON-402-PP, vinyl tipped thermistor sensor, 2252 Ω resistance at 25°C, ±0.1°C interchangeability from 0 to 70°C (32 to 158°F), supplied with 3 m (120") of PVC insulated and jacketed cable with a phone plug connector standard, **\$80**.

# Precision Thermistor Sensor For Air Temperature Measurements



ON-905 and ON-906 Series  
Starts at  
**\$50**



- ✓ Ideal for Measuring Air Temperatures in Laboratories and Laminar Flow Systems
- ✓ Metal or Plastic Cage Provides Protection for Thermistor Sensor While Leaving it Open to the Air Flow

- ✓ Available in 5 Resistance Curves
- ✓ Thermistors are Epoxy Coated and Extend Into the Airflow
- ✓ Maximum Temperature 100°C (212°F)

  **MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)						
Model Number	Price	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Max Temp	Cable Length	Cable Termination
ON-405-PP	\$70	2252 Ω	±0.1°C	100°C (212°F)	3 m (120")	Phone plug
ON-406-PP	65	2252 Ω	±0.1°C	100°C (212°F)	3 m (120")	Phone plug
ON-905-44004	55	2252 Ω	±0.2°C	100°C (212°F)	300 mm (12")	Stripped
ON-905-44005	55	3000 Ω	±0.2°C	100°C (212°F)	300 mm (12")	Stripped
ON-905-44007	55	5000 Ω	±0.2°C	100°C (212°F)	300 mm (12")	Stripped
ON-905-44006	55	10000 Ω	±0.2°C	100°C (212°F)	300 mm (12")	Stripped
ON-905-44008	55	30000 Ω	±0.2°C	100°C (212°F)	300 mm (12")	Stripped
ON-906-44004	50	2252 Ω	±0.2°C	100°C (212°F)	300 mm (12")	Stripped
ON-906-44005	50	3000 Ω	±0.2°C	100°C (212°F)	300 mm (12")	Stripped
ON-906-44007	50	5000 Ω	±0.2°C	100°C (212°F)	300 mm (12")	Stripped
ON-906-44006	50	10000 Ω	±0.2°C	100°C (212°F)	300 mm (12")	Stripped
ON-906-44008	50	30000 Ω	±0.2°C	100°C (212°F)	300 mm (12")	Stripped

**Notes:** For additional cable length, add required length (in inches) to end of the model number and **\$0.80/ft** to the price. For a phone plug, add **"-PP"** to the model number and **\$7** to the price. For tighter interchangeability, substitute the thermistor part number from the table below and add the price listed to the sensor price.

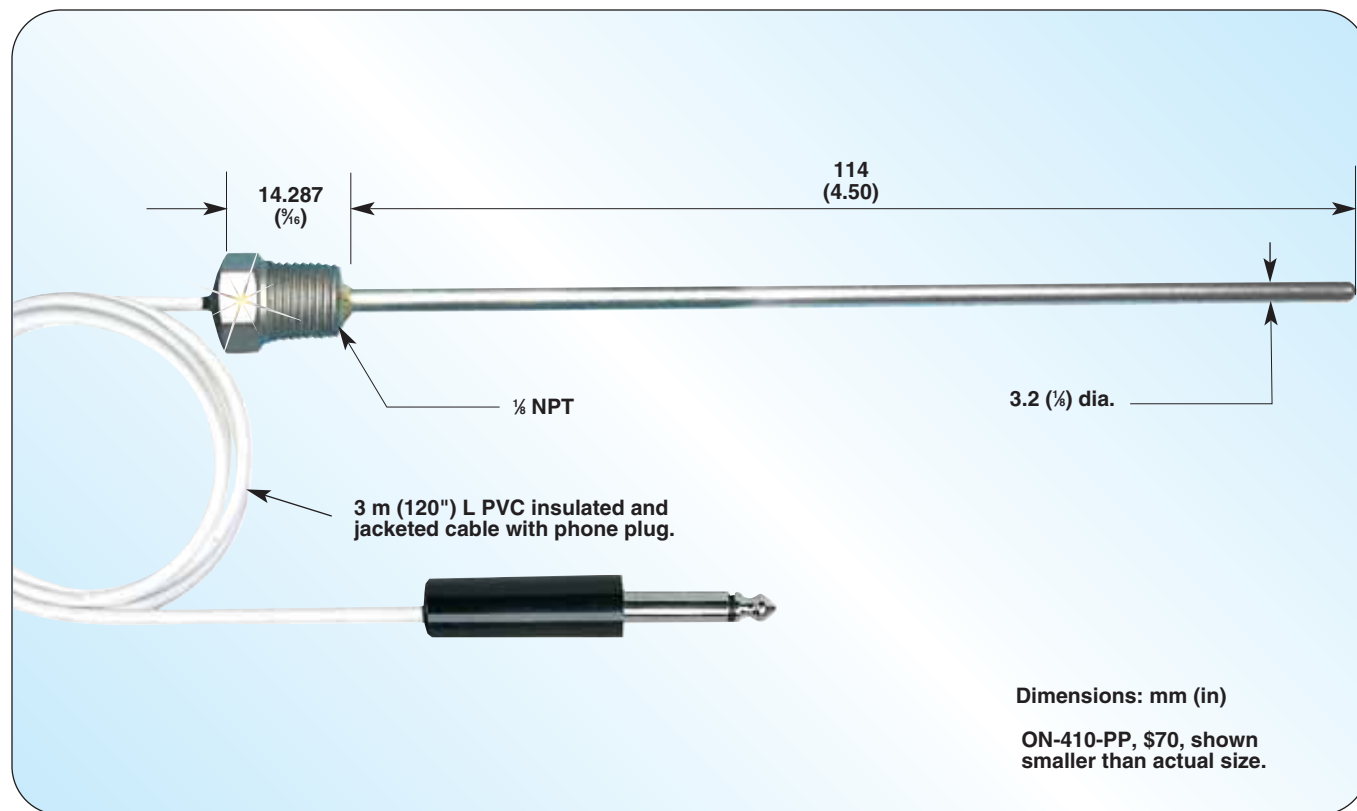
**Ordering Examples:** **ON-905-44004-36-PP**, air temperature sensor with a steel cage and a resistance of 2252 Ω at 25°C, interchangeability of ±0.2°C, 36" of cable and a phone plug connector, \$55 + (2 x \$0.80) + \$7 = **\$63.60**. **ON-905-44034-36-PP**, air temperature thermistor sensor with steel cage and a resistance of 5000 ohms at 25°C, interchangeability of ±0.1°C, 36" of PVC cable and a phone plug connector, \$55 + \$11 + (2 x \$0.80) + \$7 = **\$74.60**.

## Optional Thermistors

Model Number	Additional Price	Resistance @ 25°C (Ω)	Maximum Working Temp	Interchangeability @ 0 to 70°C	Storage and Working Temp for Best Stability
44033	\$11	2252	75°C (165°F)	±0.1°C	-80 to 75°C (-110 to 165°F)
44030	11	3000	75°C (165°F)	±0.1°C	-80 to 75°C (-110 to 165°F)
44034	11	5000	75°C (165°F)	±0.1°C	-80 to 75°C (-110 to 165°F)
44031	11	10,000	75°C (165°F)	±0.1°C	-80 to 75°C (-110 to 165°F)
44032	11	30,000	75°C (165°F)	±0.1°C	-80 to 75°C (-110 to 165°F)

# Tubular Thermistor Sensors

## For Immersion Temperature Measurements



ON-410-PP  
**\$70**



- ✓ Threaded Fitting Provides 1/8" NPT Thread for Installation in Pipes or Closed Vessels
- ✓ Can Be Used in Liquid Immersion and Pressurized Applications
- ✓ Available in 5 Resistance Values To Fit Your Instrumentation Needs
- ✓ Maximum Temperature 100°C (212°F)

**AVAILABLE FOR FAST DELIVERY!**

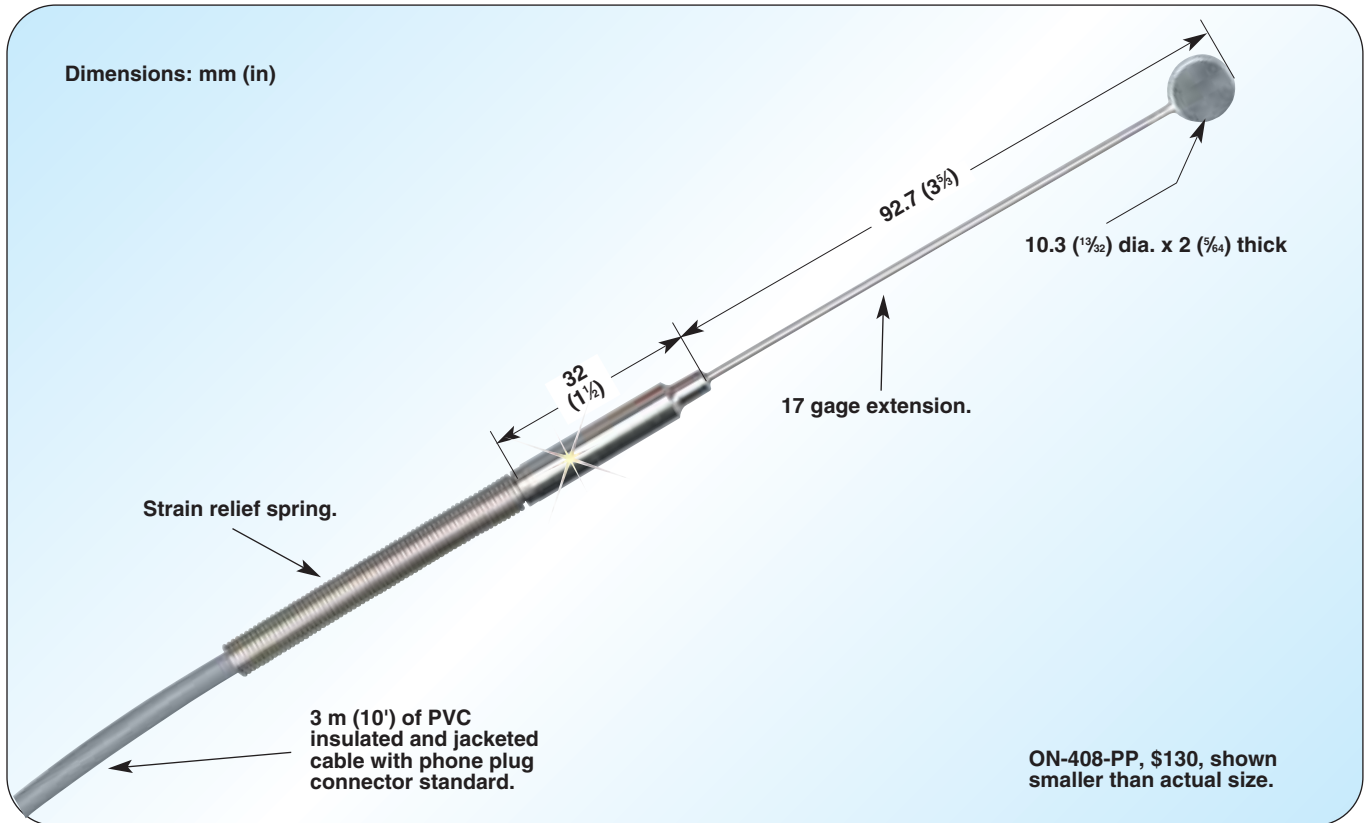
To Order (Specify Model Number)						
Model Number	Price	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Max Temp	Cable Length	Cable Termination
ON-410-PP	\$70	2252 Ω	±0.1°C	100°C (212°F)	3 m (120")	Phone plug

**Notes:** For additional cable length, add required length (in inches) to end of the model number and **\$0.80/ft** to the price.  
**Ordering Examples:** ON-410-PP, tubular immersion sensor, 2252 Ω resistance at 25°C, ±0.10°C interchangeability from 0 to 70°C (32 to 158°F), supplied with 3 m (120") of PVC insulated and jacketed cable with a phone plug connector standard, **\$70**.

### Accessories

Model Number	Price	Description
450-ATH	\$295	Handheld thermometer, thermistor input
HH41	400	Handheld thermistor thermometer
HH42	480	Handheld thermistor thermometer with RS232 communications

# “Banjo” Style Thermistor Sensor



ON-408-PP  
**\$130**



- ✓ 300 Series Stainless Steel, Hermitically Sealed Unit
- ✓ Extremely Sensitive Sensor with Thin Cross-Section Tip Combined and Ultra-Small Diameter Extension Sheath
- ✓ Measures Skin and Oral Temperatures, Water Baths, Air and Surface Temperatures

**AVAILABLE FOR FAST DELIVERY!**

To Order (Specify Model Number)						
Model Number	Price	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Max Temp	Cable Length	Cable Termination
ON-408-PP	\$130	2252 Ω	±0.1°C	100°C (212°F)	3m (120")	Phone plug

**Ordering Example:** ON-408-PP, "banjo" style thermistor sensor , 2252 Ω at 25°C, interchangeability of ±0.1°C, 3 m (120") of cable with a phone plug connector, \$130.

## Accessories

Model Number	Price	Description
450-ATH	\$295	Handheld thermometer, thermistor input
865F	199	Thermistor meter; in 0.1°F resolution mode, -70.0 to 40.1°F, -40.0 to 199.9°F
DP25-TH-A	325	Thermistor input meter/controller with analog output
HH41	400	Handheld thermistor thermometer



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