

# Precision Thermistor Sensors For Laboratory Applications

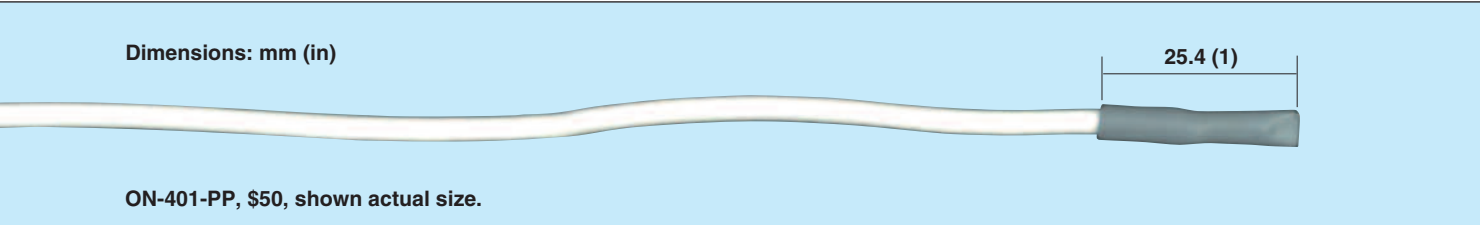
ON-400 Series  
Starts at  
**\$50**



- ✓ 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)
- ✓ 3 m (10') PVC Insulated Cable and Phone Plug Connector Standard
- ✓ Max Temperature 100°C (212°F)

Dimensions: mm (in)



ON-401-PP, \$50, shown actual size.

**AVAILABLE FOR FAST DELIVERY!**

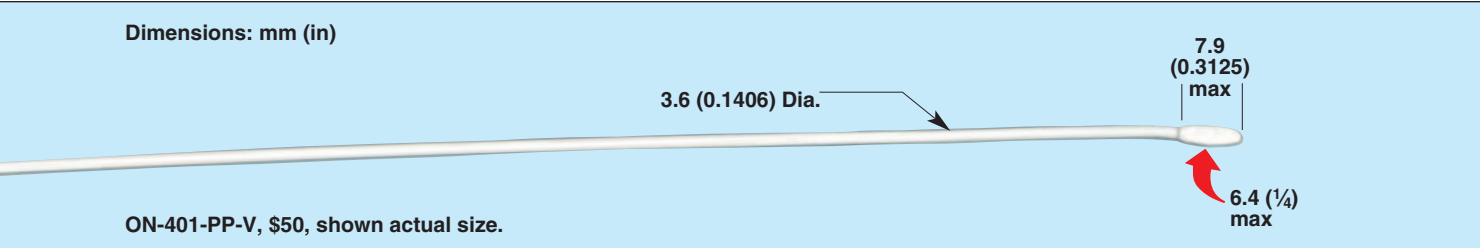
### To Order (Specify Model Number)

Model No.	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 (10')	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 (10') of PVC insulated and jacketed cable with a phone plug connector standard, **\$50**.

Dimensions: mm (in)



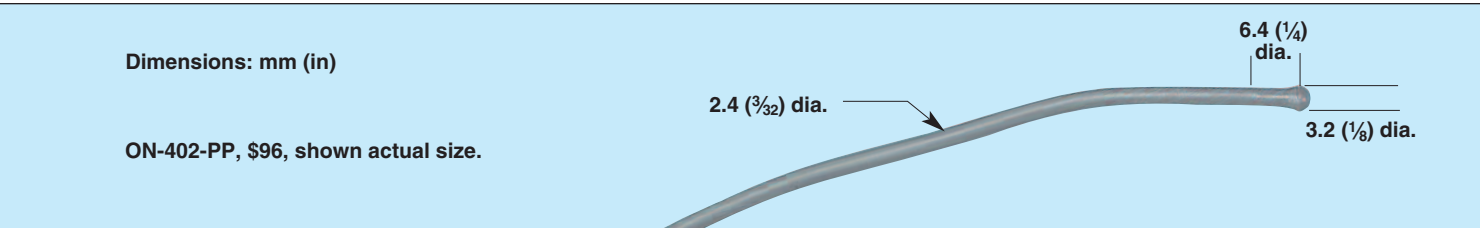
ON-401-PP-V, \$50, shown actual size.

Model No.	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 (10')	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 (10') of PVC insulated and jacketed cable with a phone plug connector standard, **\$50**.

Dimensions: mm (in)

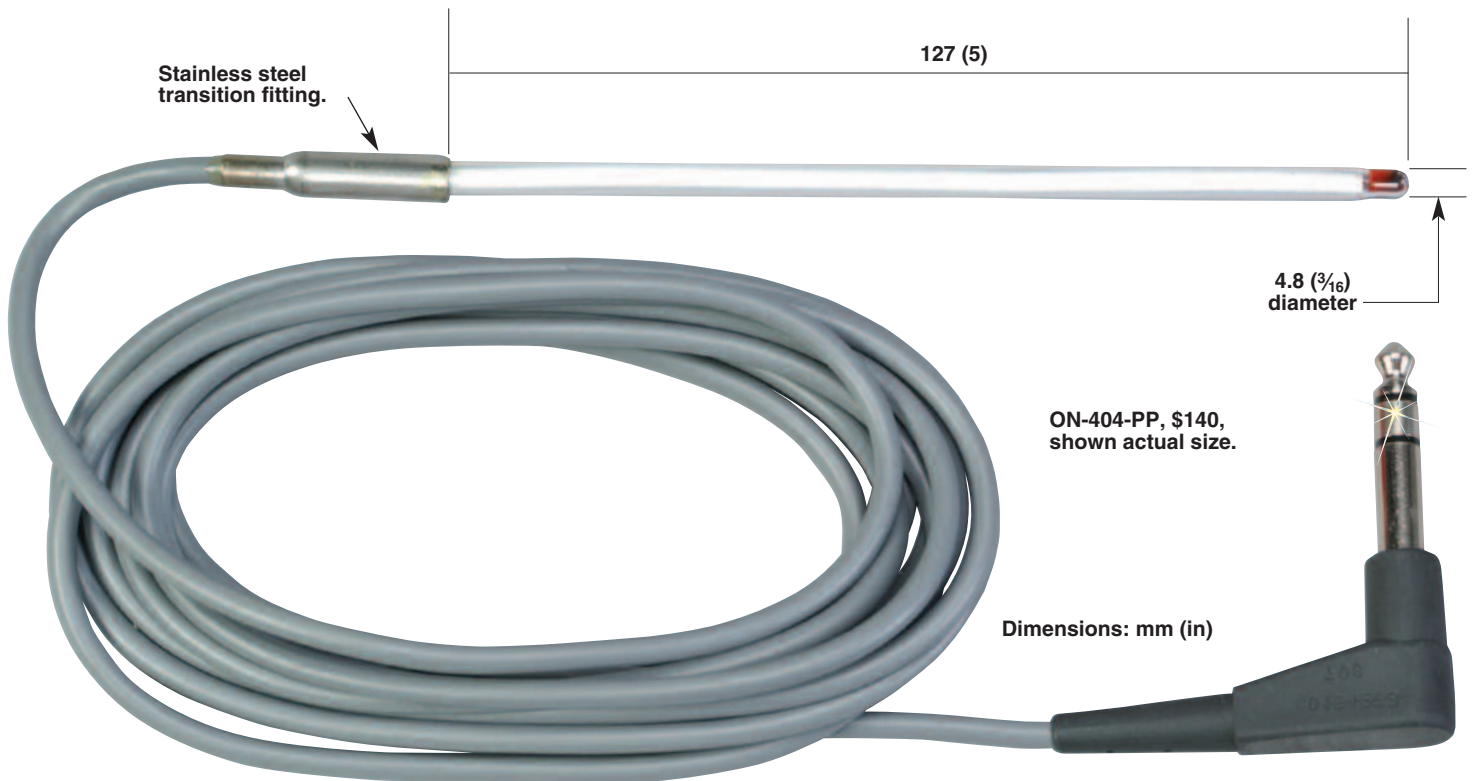


ON-402-PP, \$96, shown actual size.

Model No.	Price	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Temperature Rating	Cable Length	Cable Termination
ON-402-PP	\$96	2252 Ω	±0.1°C	100°C (212°F)	3 m (10')	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 (10') of PVC insulated and jacketed cable with a phone plug connector standard, **\$96**.

# Tubular Glass Thermistor Sensors For Immersion Temperature Measurements



Stainless steel transition fitting.

127 (5)

4.8 (3/16)  
diameter

ON-404-PP, \$140,  
shown actual size.

Dimensions: mm (in)

ON-404-PP  
**\$140**



- ✓ Chemically Inert for Liquid Immersion Use
- ✓ Can Be Used for Thermal Titration Studies and Measurement of Freezing Points
- ✓ 127 mm (5") L Pyrex Probe and 3 m (10') of PVC Cable Insulated and Jacketed Cable with Phone Plug Connector Standard

**AVAILABLE FOR FAST DELIVERY!**

## To Order (Specify Model Number)

Model No.	Price	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Cable Termination
ON-404-PP	\$140	2252 Ω	±0.1°C	Phone plug

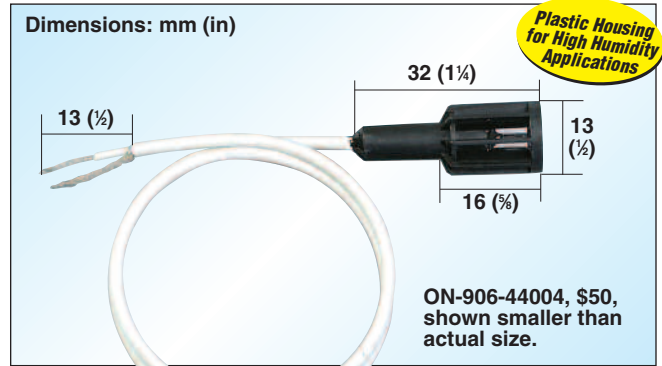
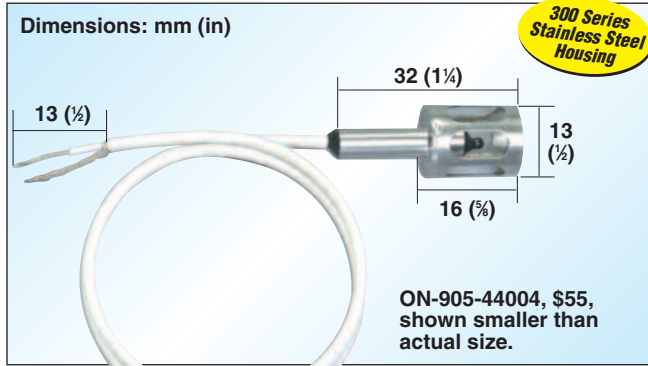
## Accessories

Model No.	Price	Description
450-ATH	\$315	Handheld thermometer, thermistor input
HH41	425	Handheld thermistor thermometer
HH42	499	Handheld thermistor thermometer with RS232 communications

**Ordering Example:** ON-404-PP, tubular glass immersion thermistor sensor, 2252 Ω at 25°C, interchangeability of ±0.1°C, 3 m (10') of PVC insulated and jacketed cable and phone plug connector, \$140.

# Precision Thermistor Sensor For Air Temperature Measurements

3 m (10') L vinyl insulated, shielded, vinyl jacketed cable included. ON-405 and 406 supplied with 300 mm (12") of cable and phone plug.



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 (10')	Phone plug
ON-406-PP	65	2252 Ω	±0.1°C	100°C (212°F)	3 m (10')	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.

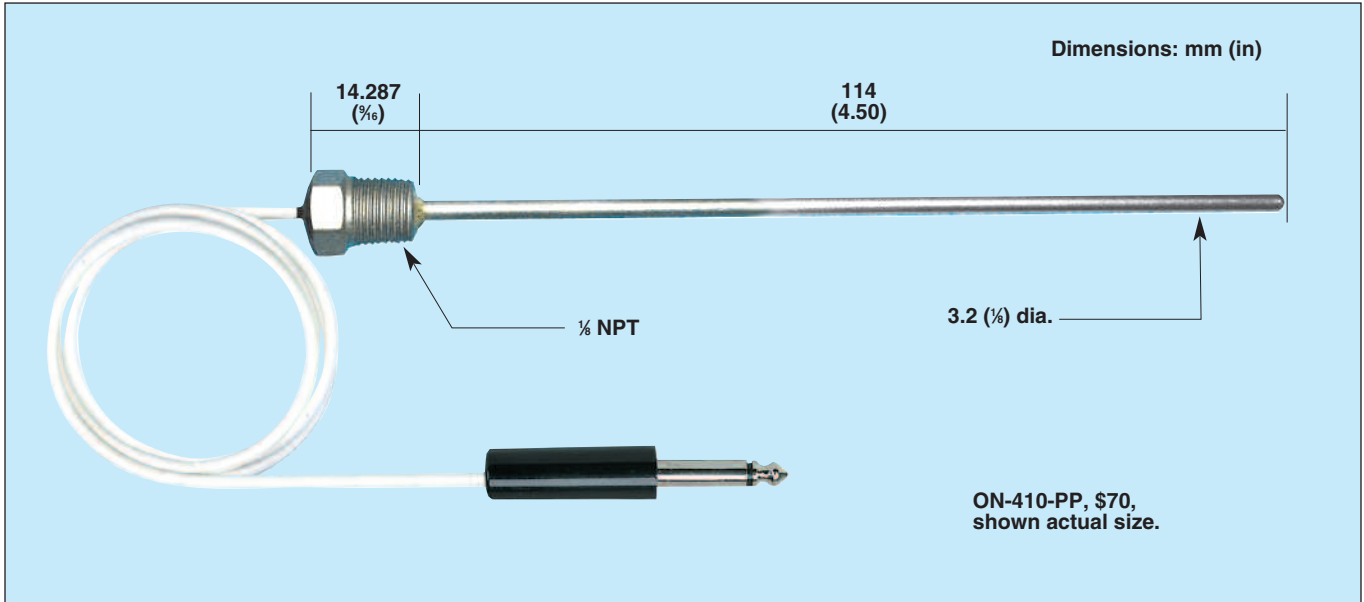
ON-905-44034-36-PP, air temperature thermistor sensor with steel cage and a resistance of 5000 Ω at 25°C, interchangeability of ±0.1°C, 36" of cable and a phone plug connector, \$55 + \$11 + (2 x 0.80) + 7 = \$74.60.

## 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 1/2 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)
- ✓ 3 m (10') PVC Insulated and Jacketed Cable with Phone Plug Standard

**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 (10')	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-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 (10') of PVC insulated and jacketed cable with a phone plug connector standard, **\$70**.

### Accessories

Model Number	Price	Description
CN1501-TH-1	\$245	Controller with 240 Vac power
DP25-TH	245	Precision panel meter/controller
450-ATH	315	Handheld thermometer, thermistor input
HH41	425	Handheld thermistor thermometer
HH42	499	Handheld thermistor thermometer with RS232 communications
HH83	580	Thermometer/data logger
5831	990	Benchttop thermometer
OM-SQ2010	1500	Data logger



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Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)  
Laval(Quebec)  
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0800-8266342

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