

Precision Thermistor Sensors

For Laboratory Applications

ON-400 Series

- ✓ 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)

25.4 (1)

ON-401-PP shown actual size.

To Order

Model No.	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Temperature Rating	Cable Length	Cable Termination
ON-401-PP	2252 Ω	$\pm 0.1^\circ\text{C}$	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 for an additional cost per foot.

Ordering Example: ON-401-PP, vinyl coated thermistor sensor, 2252 Ω resistance at 25°C, $\pm 0.1^\circ\text{C}$ 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.

Dimensions: mm (in)

3.6 (0.1406) Dia.

7.9
(0.3125)
max

6.4 (1/4)
max

ON-401-PP-V shown actual size.

Model No.	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Temperature Rating	Cable Length	Cable Termination
ON-401-PP-V	2252 Ω	$\pm 0.1^\circ\text{C}$	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 for an additional cost per foot.

Ordering Example: ON-401-PP-V, soft flexible vinyl tipped thermistor sensor, 2252 Ω resistance at 25°C, $\pm 0.1^\circ\text{C}$ 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.

Dimensions: mm (in)

2.4 (3/32) dia.

6.4 (1/4)
dia.

3.2 (1/8) dia.

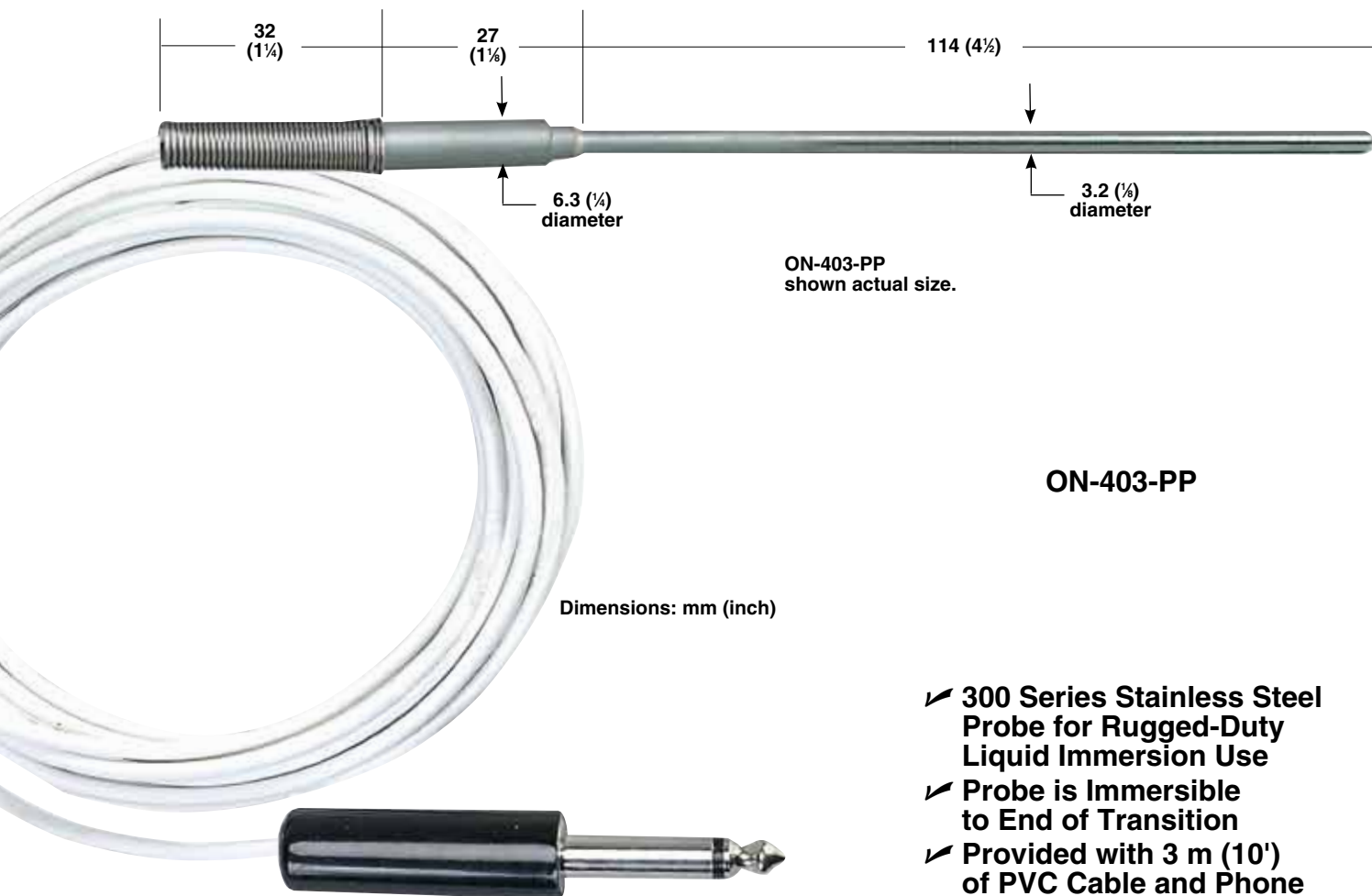
ON-402-PP shown actual size.

Model No.	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Temperature Rating	Cable Length	Cable Termination
ON-402-PP	2252 Ω	$\pm 0.1^\circ\text{C}$	100°C (212°F)	3 m (10')	Phone plug

Ordering Example: ON-402-PP, vinyl tipped thermistor sensor, 2252 Ω resistance at 25°C, $\pm 0.1^\circ\text{C}$ 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.

Tubular Thermistor Sensors

For Immersion Temperature Measurements



ON-403-PP
shown actual size.

ON-403-PP

Dimensions: mm (inch)

- ✓ 300 Series Stainless Steel Probe for Rugged-Duty Liquid Immersion Use
- ✓ Probe is Immersible to End of Transition
- ✓ Provided with 3 m (10') of PVC Cable and Phone Plug Connector

To Order			
Model Number	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Cable Termination
ON-403-PP	2252 Ω @ 25°C	±0.1°C	Phone plug

Notes: For additional cable length, add required length (in inches) to end of the model number for an additional cost.
Ordering Examples: **ON-403-PP**, tubular stainless steel immersion thermistor sensor, 2252 Ω at 25°C, interchangeability is ±0.1°C, 3 m (10') of PVC insulated and jacketed cable and phone plug connector.
ON-403-PP-240, tubular stainless steel immersion thermistor sensor, 2252 Ω at 25°C, interchangeability is ±0.1°C, 6 m (20') of PVC insulated and jacketed cable with phone plug.

Accessories	
Model Number	Description
450-ATH	Handheld thermometer, thermistor input
HH41	Handheld thermistor thermometer
HH42	Handheld thermistor thermometer with RS232 communications
SSLK-14-18	1/4" tube OD, 1/8 NPT, 316 SS compression fitting