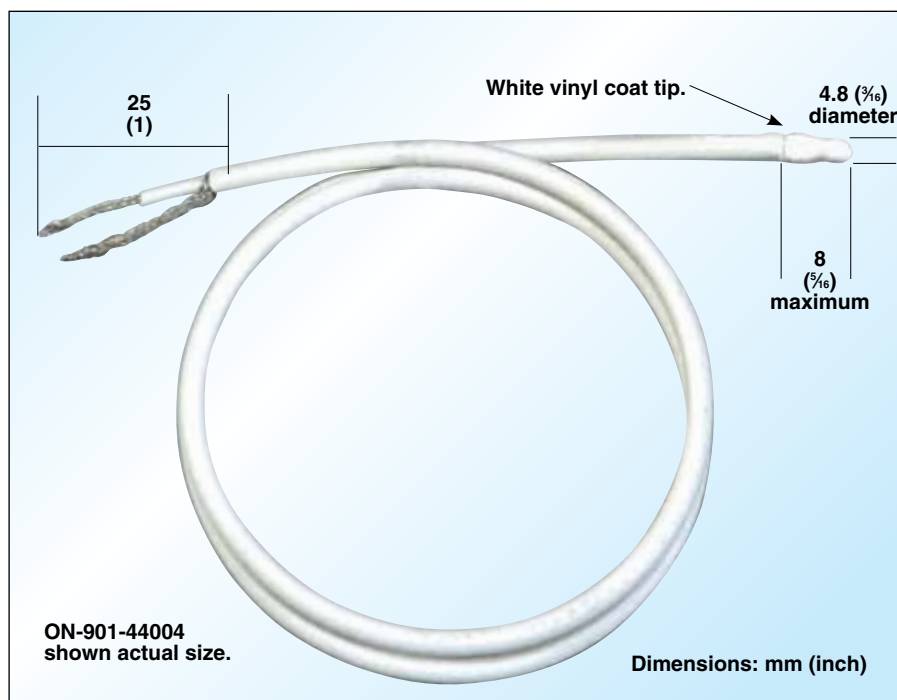


Rugged Vinyl Tipped Thermistor Sensor

TRODEKS®

ON-901 Series

- ✓ Simple, Rugged Construction
- ✓ Available in 5 Resistance Specifications
- ✓ Well Suited for Use in Biological, Geographic and Oceanographic Applications
- ✓ Maximum Temperature 100°C (212°F)
- ✓ Vinyl Insulated, Shielded and Vinyl Jacketed Cable, Stripped Wires Standard (See Table for Length)



To Order

Model Number	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Temperature Rating	Cable Length	Cable Termination
ON-901-44004	2252 Ω	$\pm 0.2^\circ\text{C}$	100°C (212°F)	300 mm (12")	Stripped
ON-901-44005	3000 Ω	$\pm 0.2^\circ\text{C}$	100°C (212°F)	300 mm (12")	Stripped
ON-901-44007	5000 Ω	$\pm 0.2^\circ\text{C}$	100°C (212°F)	300 mm (12")	Stripped
ON-901-44006	10000 Ω	$\pm 0.2^\circ\text{C}$	100°C (212°F)	300 mm (12")	Stripped
ON-901-44008	30000 Ω	$\pm 0.2^\circ\text{C}$	100°C (212°F)	300 mm (12")	Stripped
ON-901-44004-40	2252 Ω	$\pm 0.2^\circ\text{C}$	100°C (212°F)	1 m (40")	Stripped
ON-901-44005-40	3000 Ω	$\pm 0.2^\circ\text{C}$	100°C (212°F)	1 m (40")	Stripped
ON-901-44007-40	5000 Ω	$\pm 0.2^\circ\text{C}$	100°C (212°F)	1 m (40")	Stripped
ON-901-44006-40	10000 Ω	$\pm 0.2^\circ\text{C}$	100°C (212°F)	1 m (40")	Stripped
ON-901-44008-40	30000 Ω	$\pm 0.2^\circ\text{C}$	100°C (212°F)	1 m (40")	Stripped

Notes: For additional cable length, add required length (in inches) to end of the model number for an additional cost. For a phone plug, add "-PP" to the model number for an additional cost. For tighter interchangeability, substitute the thermistor part number from the table below for an additional cost to the sensor price.

Ordering Examples: ON-901-44004-120, vinyl tipped thermistor sensor with 2252 Ω at 25°C, interchangeability of $\pm 0.2^\circ\text{C}$, 3 m (10') of PVC insulated and jacketed cable.

ON-901-44034-40-PP, vinyl tipped thermistor sensor with 5000 Ω at 25°C, interchangeability of $\pm 0.1^\circ\text{C}$, 1 m (40") of cable and a phone plug connector.

Optional Thermistors

Model Number	Resistance @ 25°C (Ω)	Maximum Working Temperature	Interchangeability @ 0 to 70°C	Storage and Working Temp for Best Stability
44033	2252	75°C (165°F)	$\pm 0.1^\circ\text{C}$	-80 to 75°C (-110 to 165°F)
44030	3000	75°C (165°F)	$\pm 0.1^\circ\text{C}$	-80 to 75°C (-110 to 165°F)
44034	5000	75°C (165°F)	$\pm 0.1^\circ\text{C}$	-80 to 75°C (-110 to 165°F)
44031	10,000	75°C (165°F)	$\pm 0.1^\circ\text{C}$	-80 to 75°C (-110 to 165°F)
44032	30,000	75°C (165°F)	$\pm 0.1^\circ\text{C}$	-80 to 75°C (-110 to 165°F)