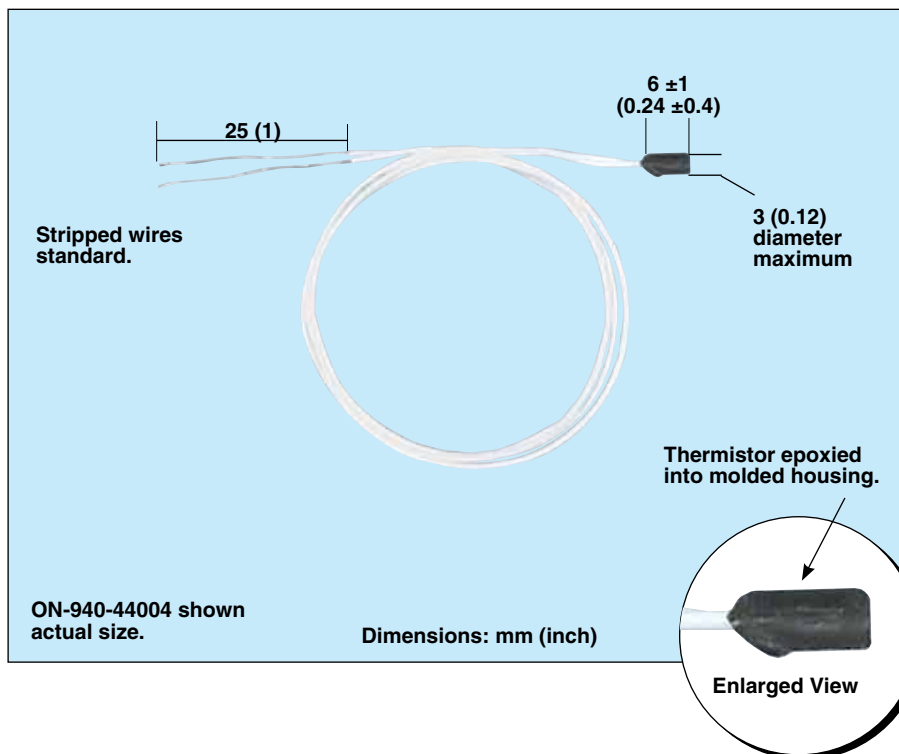


# Precision Thermistor Sensor With Molded Tip for High-Humidity Environments

ON-940 Series

**TRODEKS®**

- ✔ Specially Designed for High-Reliability, Low-Cost Applications
- ✔ Small Size Results in Fast Response Time
- ✔ Small Housing Size Aids Installation Into Tight Spaces
- ✔ Available in 5 Resistance Curves
- ✔ Can Be Installed Into a Large Selection of Housings For Special Applications
- ✔ Maximum Temperature 100°C (212°F)
- ✔ 28 AWG Stranded PFA Insulated Wires Standard



To Order					
Model Number	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Maximum Temperature	Cable Length	Cable Termination
ON-940-44004	2252 Ω	±0.2°C	100°C (212°F)	300 mm (12")	Stripped
ON-940-44005	3000 Ω	±0.2°C	100°C (212°F)	300 mm (12")	Stripped
ON-940-44007	5000 Ω	±0.2°C	100°C (212°F)	300 mm (12")	Stripped
ON-940-44006	10000 Ω	±0.2°C	100°C (212°F)	300 mm (12")	Stripped
ON-940-44008	30000 Ω	±0.2°C	100°C (212°F)	300 mm (12")	Stripped
ON-940-44004-40	2252 Ω	±0.2°C	100°C (212°F)	1 m (40")	Stripped
ON-940-44005-40	3000 Ω	±0.2°C	100°C (212°F)	1 m (40")	Stripped
ON-940-44007-40	5000 Ω	±0.2°C	100°C (212°F)	1 m (40")	Stripped
ON-940-44006-40	10000 Ω	±0.2°C	100°C (212°F)	1 m (40")	Stripped
ON-940-44008-40	30000 Ω	±0.2°C	100°C (212°F)	1 m (40")	Stripped

**Notes:** Sensor are supplied with #28 AWG stranded nickel plated copper, PFA insulated wire. 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 per sensor.

**Ordering Examples:** ON-940-44004-40-PP, ON-940 molded tip thermistor sensor, 2252 Ω at 25°C, interchangeability of ±0.2°C, 1 m (40") of cable with a phone plug.

ON-940-44034-40-PP, molded tipped thermistor sensor with 5000 Ω at 25°C, interchangeability of ±0.1°C, 1 m (40") of cable with 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)	±0.1°C	-80 to 75°C (-110 to 165°F)
44030	3000	75°C (165°F)	±0.1°C	-80 to 75°C (-110 to 165°F)
44034	5000	75°C (165°F)	±0.1°C	-80 to 75°C (-110 to 165°F)
44031	10,000	75°C (165°F)	±0.1°C	-80 to 75°C (-110 to 165°F)
44032	30,000	75°C (165°F)	±0.1°C	-80 to 75°C (-110 to 165°F)