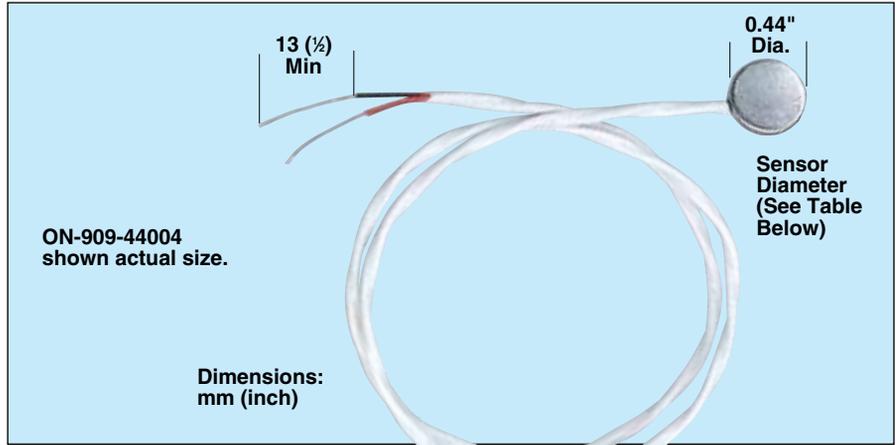


Precision Thermistor Sensor

For Surface Temperature Measurements

ON-909 Series



- ✓ Epoxy Encapsulated Thermistor Contained in Stamped, 300 Series SS Housing
- ✓ Construction Provides Maximum Surface Contact
- ✓ 26 AWG Stranded PFA Insulated and Jacketed Cable (See Table for Length)
- ✓ Ideally Suited for Applications Such as Determining Heat Loss, Compressor Efficiency and Measuring Manifold or Bearing Temperature
- ✓ Max Temperature 100°C (212°F)

To Order

Model Number	Resistance @ 25°C	Interchangeability @ 0 to 70°C	Max Temp	Tip Diameter (inch)	Cable Length	Cable Termination
ON-409-PP	2252 Ω	±0.1°C	100°C (212°F)	0.44"	3 m (10')	Phone plug
ON-909-44004	2252 Ω	±0.2°C	100°C (212°F)	0.38"	300 mm (12")	Stripped
ON-909-44005	3000 Ω	±0.2°C	100°C (212°F)	0.38"	300 mm (12")	Stripped
ON-909-44007	5000 Ω	±0.2°C	100°C (212°F)	0.38"	300 mm (12")	Stripped
ON-909-44006	10000 Ω	±0.2°C	100°C (212°F)	0.38"	300 mm (12")	Stripped
ON-909-44008	30000 Ω	±0.2°C	100°C (212°F)	0.38"	300 mm (12")	Stripped
ON-909-44004-40	2252 Ω	±0.2°C	100°C (212°F)	0.38"	1 m (40")	Stripped
ON-909-44005-40	3000 Ω	±0.2°C	100°C (212°F)	0.38"	1 m (40")	Stripped
ON-909-44007-40	5000 Ω	±0.2°C	100°C (212°F)	0.38"	1 m (40")	Stripped
ON-909-44006-40	10000 Ω	±0.2°C	100°C (212°F)	0.38"	1 m (40")	Stripped
ON-909-44008-40	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 for additional cost. For a phone plug, add "-PP" to the model number for additional cost. 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.

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.

Optional Thermistors

Model Number	Resistance @ 25°C (Ω)	Maximum Working Temp	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)