

## Product Data Sheet

### 101, 102, 103 – General Purpose RTD



Designed for a wide range of applications where a simple mounting scheme is required.

Model 101 is a straight sheath temperature sensor.

Model 102 is a Copper Tip Sensitive temperature sensor.

Model 103 is a Reduced Tip/Fast Response temperature sensor.

# Specifications

NAME	DESCRIPTION
<b>Element Type:</b>	Standard: Platinum, 100 ohms @ 0C (32F), .00385 TCR, (optional Pt R0 and TCRs available)
<b>Accuracy:</b>	Standard: DIN-B (Optional: DIN-A, and others available upon request)
<b>Construction</b>	Standard: 500°F Service Temperature (Optional: High temperature and rugged constructions available)
<b>Lead Wire Configuration</b>	Standard: 3 Wire (Optional: 2, 4, 6 or 8 wire)
<b>Sensor Sheath Diameter:</b>	Standard: 1/4" diameter (Optional: 1/8", 3/16", and others available)
<b>Lead Wire Length</b>	Standard: 6". Custom length available
<b>Lead Wire Protection</b>	Optional: Stainless steel overbraid, stainless steel armor
<b>Connections</b>	Optional: standard and miniature sizes, standard and high temperature ratings
<b>Fittings</b>	Optional: Compression and spring loaded fittings with various NPT connections
<b>Insulation Resistance:</b>	Greater than 100 Megohms @ 100VDC @ 21C (70F)