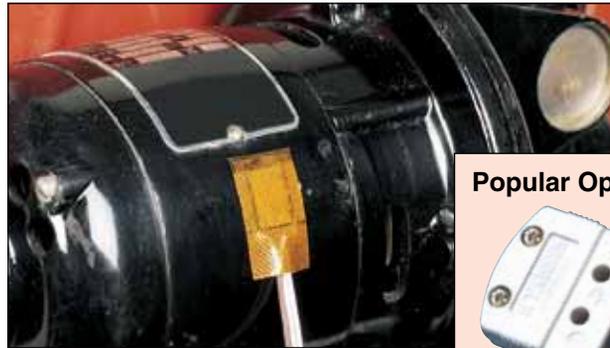
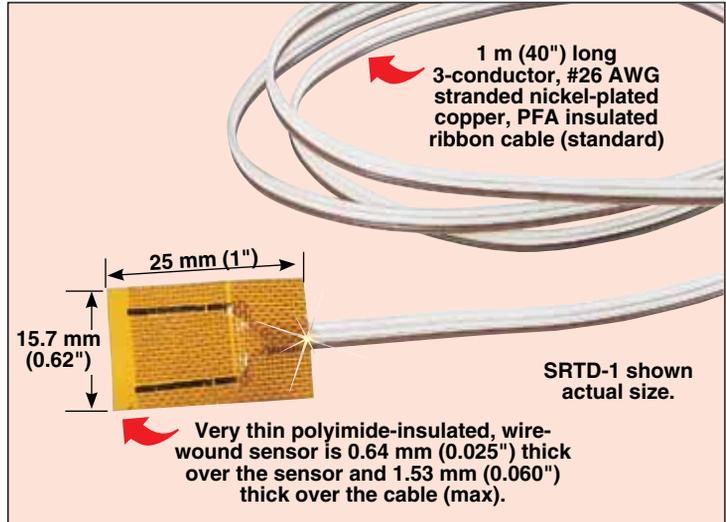


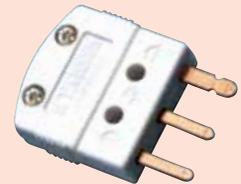
# “Cement-On” Surface Sensing RTD Sensors



- ✔ Ideal for Surface Temperature Measurement Applications
- ✔ Wire-Wound, 100 Ω DIN Platinum (0.00385) Construction
- ✔ Low Thermal Inertia Allows for Very Fast Response Times
- ✔ Usable Temperature Range: -200 to 232°C Continuous (260°C Short Term\*\*)
- ✔ Available in Two Standard Resistance Tolerances
- ✔ Sensors Can be Installed Using OMEGABOND® Epoxies, see website for current offerings



Popular Option:



MTP-U-M heavy-duty connector.

## To Order

Model No.	Description
<b>SRTD-1: Accuracy: 100 +/- 0.5Ω at 0°C, or +/- 0.5% of reading up to 232°C</b>	
SRTD-1	Cement on RTD with 36 inch leads
SRTD-1-48 INCH	Cement on RTD with 48 inch leads
SRTD-1-60 INCH	Cement on RTD with 60 inch leads
SRTD-1-72 INCH	Cement on RTD with 72 inch leads
SRTD-1-120 INCH	Cement on RTD with 120 inch leads
<b>SRTD-2: Accuracy: 100 +/- 0.22Ω at 0°C, or +/- 0.25% of reading up to 232°C</b>	
SRTD-2	Cement on RTD with 36 inch leads
SRTD-2-48 INCH	Cement on RTD with 48 inch leads
SRTD-2-60 INCH	Cement on RTD with 60 inch leads
SRTD-2-72 INCH*	Cement on RTD with 72 inch leads
SRTD-2-120 INCH	Cement on RTD with 120 inch leads

**Selected Specifications:** 100.00 Ω at 0°C, temp coefficient = 0.00385 Ω/Ω/°C. Stability: <0.2°C drift per year at rated service and proper mounting. Response time: <200 milliseconds lag on metal surfaces. Self heating: bare sensor will rise less than 1°C while dissipating 3 mW in still air. Insulation resistance: 50 M Ω minimum at 50 Vdc ribbon cable. 100G Ohm minimum at 500 Vdc, round twisted cable (dry conditions at room temperature). Minimum bend radius: 9.5 mm (3/8 inch) transverse to element, 38.1 mm (1 1/2 inch) longitudinal to winding.

**Ordering Examples:** SRTD-1-MTP, with MTP connector.

\*The SRTD-2-72 INCH comes with a black/black/red cable

\*\* The RTD can be exposed to 260C for short periods of time when clamped