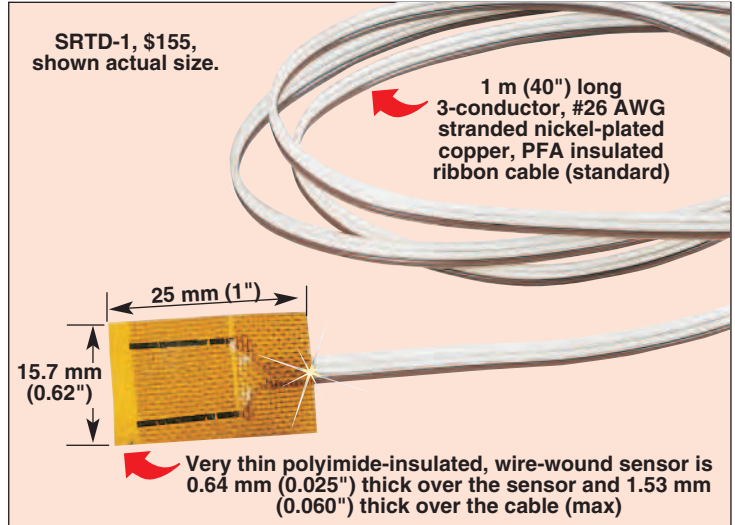
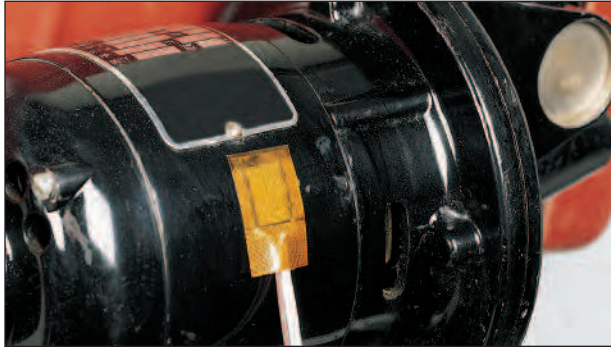


# “Cement-On” Surface Sensing RTD Sensors

SRTD Series  
Starts at  
**\$155**



- ✓ 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 260°C Continuous (290°C Short Term)
- ✓ Available in Two Standard Resistance Tolerances
- ✓ Sensors Can be Installed Using OMEGABOND® 101 and 200 Epoxies



## Recommended Epoxies for Cementing SRTDs

Model Number	Price	Description
OB-101-1/2	\$8	105°C (220°F) ½ oz twin pack
OB-101-2	12	105°C (220°F) ½ oz twin pack
OB-200-2	17	260°C (500°F) 2 oz twin pack
OB-200-16	60	260°C (500°F) 1lb kit

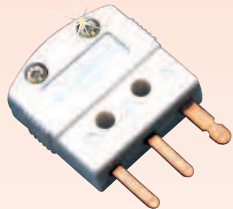
**MOST POPULAR MODELS HIGHLIGHTED!**

## To Order (Specify Model Number)

Model Number	Sensing Element	Accuracy	Max Temperature	Price
SRTD-1	100.00 ±0.50 Ω at 0°C	±0.50% of temperature reading	260°C continuous	\$155
SRTD-2	100.00 ±0.22 Ω at 0°C	±0.25% of temperature reading	260°C continuous	170

**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: 70 ms (63.2% response) in water flowing at 3" per second. Self heating: bare sensor will rise less than 1°C while dissipating 3 mW in still air. Insulation resistance: 50 MΩ minimum at 50 Vdc (dry conditions at room temperature). Minimum bend radius: 9.5 mm (¾") transverse to element, 38.1 mm (1½") longitudinal to winding.

## Popular Options Include:



MTP-U-M, heavy-duty connector, \$3, see page G-28.



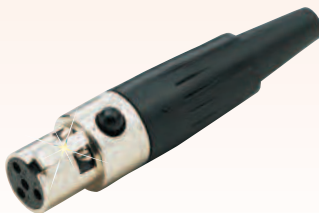
SPRTX, 4 to 20 mA transmitter, \$75, see page N-33.



HH804U, handheld meter, \$149, see page L-17.



DP25B-RTD ½ DIN panel meter, \$245, see page M-24.



TA3F, connector, \$10, see page G-58.



TX92, transmitter, \$188, see page N-39.

iDRX/iDRN, signal conditioner, \$250,



OM-SQ2010 data logger, \$1540, see page R-26.

Ordering Examples: SRTD-1-MTP, with MTP connector, \$130 + 7 = \$137. SRTD-2-TA3F, with TA3F connector, \$150 + 10 = \$160.