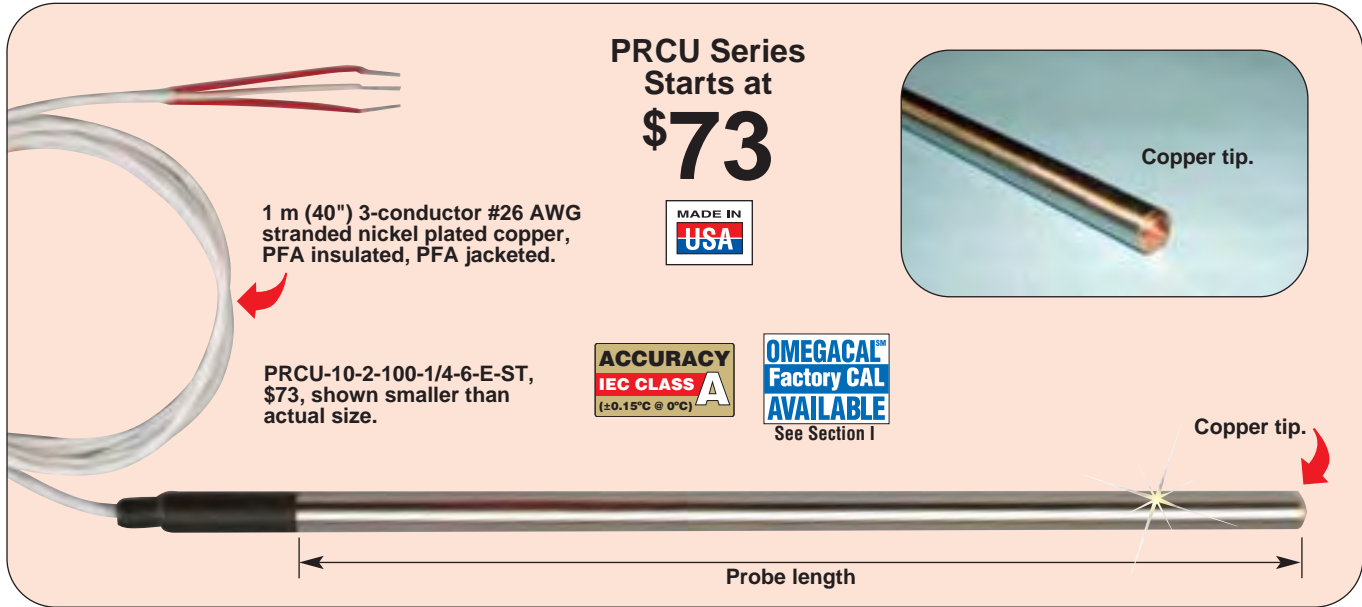


Fast Response Copper Tip RTD Sensors

- ✓ Copper Alloy Tip for Fast Thermal Response (2 Seconds Max in Water at 3'/Sec)
- ✓ 100 Ω, Class "A" DIN Platinum Elements

- ✓ Operating Temperature -50 to 260°C
- ✓ Can be Used As-is or in a Variety of Other Configurations
- ✓ 2-, 3- or 4-Wire Configurations with IEC751/ASTM-E-1137 Color Codes



Standard Dimensions

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)					
Model Number	Resistance at 0°C	Number of Wires	Probe Length	Price	
				1/4" Dia.	3/16" Dia.
PRCU-10-2-100-(*)-6-E	100 Ω, Class "A" DIN Platinum	3	6"	\$73	\$79
PRCU-10-2-100-(*)-9-E	100 Ω, Class "A" DIN Platinum	3	9"	73	79
PRCU-10-2-100-(*)-12-E	100 Ω, Class "A" DIN Platinum	3	12"	73	79
PRCU-10-2-100-(*)-18-E	100 Ω, Class "A" DIN Platinum	3	18"	76	82
PRCU-10-2-100-(*)-24-E	100 Ω, Class "A" DIN Platinum	3	24"	79	85

* Specify "-1/4" or "-3/16" for probe diameter in inches. To order with shrink tube strain relief, specify "-ST" at the end of the model number. To order intermediate lengths change model number, using the next longer length for price. Over 24", add \$1 per inch of probe length. Probes supplied 3-wire standard, 2 and 4-wire may be ordered, consult Sales department for price and availability.

Ordering Example: PRCU-10-2-100-1/4-12-E-ST, ¼ diameter probe with copper tip, 12" long, 100 Ω Class "A" element with 40" of 3-wire PFA insulated cable and shrink tube strain relief, \$73.

Metric Dimensions

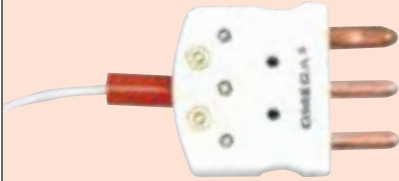
To Order (Specify Model Number)					
Model Number	Resistance at 0°C	Number of Wires	Probe Length	Price	
				6 mm Dia.	3 mm Dia.
PRCU-10-2-100-(*)-150-E	100 Ω, Class "A" DIN Platinum	3	150 mm	\$73	\$79
PRCU-10-2-100-(*)-225-E	100 Ω, Class "A" DIN Platinum	3	225 mm	73	79
PRCU-10-2-100-(*)-300-E	100 Ω, Class "A" DIN Platinum	3	300 mm	73	79
PRCU-10-2-100-(*)-450-E	100 Ω, Class "A" DIN Platinum	3	450 mm	76	82
PRCU-10-2-100-(*)-600-E	100 Ω, Class "A" DIN Platinum	3	600 mm	79	85

* Specify "-M60" for 6 mm or "-M45" for 4.5 mm for probe diameter. To order with shrink tube strain relief, specify "-ST" at the end of the model number. To order intermediate lengths change model number, using the next longer length for price. Over 600 mm, add \$1 per 25 mm of probe length. Probes supplied 3-wire standard, 2 and 4-wire may be ordered, consult Sales department for price and availability.

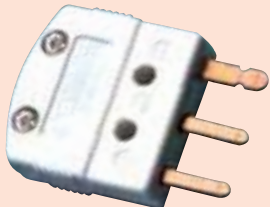
Ordering Example: PRCU-10-2-100-M60-300-E-ST, 6 mm diameter probe with copper tip, 300 mm long, 100 Ω Class "A" element with 1 m of 3-wire PFA insulated and jacketed cable and shrink tube strain relief, \$73.

These copper tipped RTDs utilize a copper alloy tip that thermally connects the sensing environment to the RTD element. This allows the sensor to provide a faster, more accurate measurement of bearings and other structures where a surface sensor or deep penetration are not an option. When used un thermowells, the copper tip helps to improve heat flow from the thermowell to the sensing element.

Options



OTP, connector, \$7, see page G-11.



MTP, connector, \$7, see page G-26.



HH805U, meter, \$140, see page L-58.

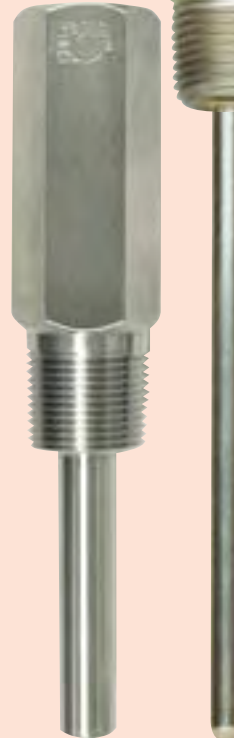


BRLK and SSLK, fittings, \$4, see page A-131.

Copper tipped RTDs work great with spring loaded thermowell sensors.

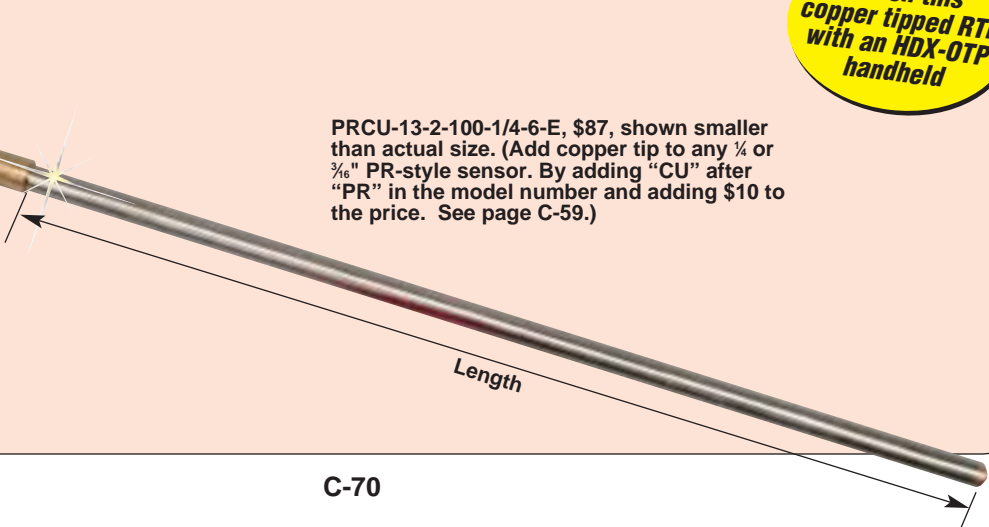


PRCU-14-2-100-1/4-6-E-SL, \$111. (Add copper tip to any 1/4 or 3/16 "PR" style sensor by adding "CU" to "PR" in the model number and add \$10 to the price.)



1/2-260L-U21/2-316SS thermowell, \$36 shown smaller than actual size, see page B-15.

Match this copper tipped RTD with an HDX-OTP handheld



PRCU-13-2-100-1/4-6-E, \$87, shown smaller than actual size. (Add copper tip to any 1/4 or 3/16" PR-style sensor. By adding "CU" after "PR" in the model number and adding \$10 to the price. See page C-59.)





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