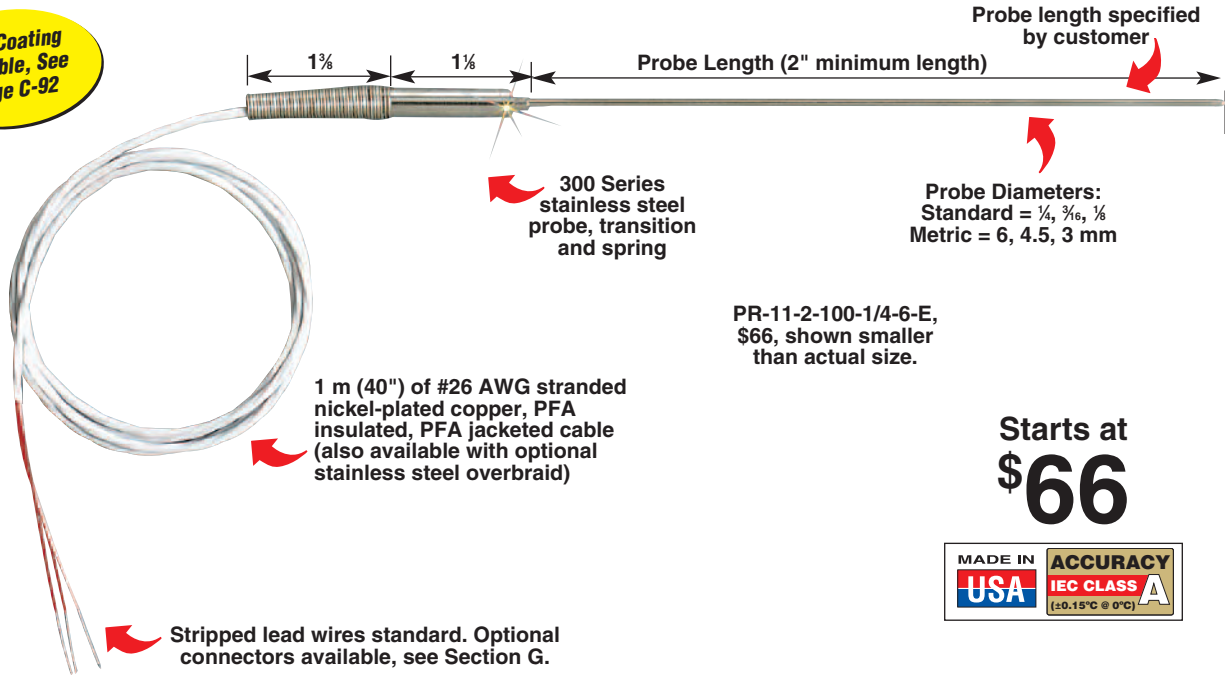


RTD Probes with Transitions

- ✓ Probe Transition Includes a Strain Relief Spring at the Cable Exit
- ✓ Available in Standard and Metric Sizes
- ✓ Temperature Range -200 to 600°C (Transition and Cable to 260°C Max)

- ✓ High-Accuracy, Wire Wound 100 Ω, Class "A" DIN Platinum Elements per IEC 751 (alpha = 0.00385 Ω/Ω/°C)
- ✓ 2-, 3-, and 4-Wire Constructions Available

PFA Coating Available, See Page C-92



Standard Dimensions

MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)			Price		
Model Number	Lead Wire Style*	Sheath Length	1/4" Dia.	3/16" Dia.	1/8" Dia.
			PR-11-2-100-(*)-6-E	3 Wire	6"
PR-11-2-100-(*)-9-E	3 Wire	9"	66	72	72
PR-11-2-100-(*)-12-E	3 Wire	12"	66	72	72
PR-11-2-100-(*)-18-E	3 Wire	18"	69	75	75
PR-11-2-100-(*)-24-E	3 Wire	24"	72	78	78

* Specify "-1/8", "-3/16", or "-1/4" for probe diameter in inches. To order probes in intermediate lengths, change model number, using next longer probe price. Over 24", add \$1 per inch of probe length. Stainless steel overbraid or BX cable available. For 4-wire configuration, change "2" in model number to "3" and add \$15 to price.

For longer leads, add the length in inches to the model number and add \$2.25/ft (Styles 2 & 3) or \$1.40/ft (Style 1).

Ordering Example: PR-11-2-100-1/4-12-E-TA3F, 100 Ω, class "A" RTD with a 1/4" diameter by 12" long probe, 40" of 3-wire cable and TA3F connector, \$66 + 17 = \$83.

Metric Dimensions

To Order (Specify Model Number)			Price		
Model Number	Lead Wire Style*	Sheath Length	6 mm Dia.	4.5 mm Dia.	3 mm Dia.
			PR-11-2-100-(*)-150-E	3 Wire	150 mm
PR-11-2-100-(*)-225-E	3 Wire	225 mm	66	72	72
PR-11-2-100-(*)-300-E	3 Wire	300 mm	66	72	72
PR-11-2-100-(*)-450-E	3 Wire	450 mm	69	75	75
PR-11-2-100-(*)-600-E	3 Wire	600 mm	72	78	78

* Specify "-M30" for 3 mm, "-M45" for 4.5 mm or "-M60" for 6 mm for probe diameter in millimeters. To order probes in intermediate lengths, change model number, using next longer probe price. Over 600 mm, add \$1 per 25 mm of probe length. For 4-wire configuration, change "2" in model number to "3" and add \$15 to price.

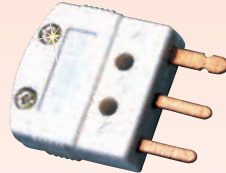
For longer leads, add the lead length in meters to the model number and \$7 per meter (Styles 2 & 3) or \$4.40 per meter (Style 1).

Ordering Example: PR-11-2-100-M45-150-E-MTP, 100 Ω, class "A" RTD with a 4.5 mm diameter by 150 mm long probe, 1 m of 3-wire cable and MTP connector, \$72 + 7 = \$79.

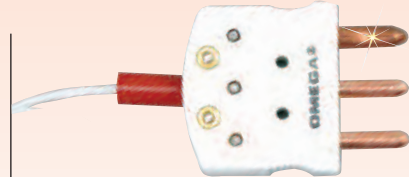
For 1/8" Diameter Sensor See Page C-89

These general purpose sensors can be used in most liquid and air applications. When used in liquid environments, the epoxy-sealed end should not be immersed directly into the liquid. These probes can be used as stand-alone sensors, or they can be configured with a variety of termination options, and combined with controllers, indicators, or precision thermometers to create complete measurement systems.

Termination options are available for easy operation in conjunction with OMEGA® handheld thermometers or other instruments:



Miniature Connector MTP-U-M (Add \$7)
(e.g., RTD-2-F3105-36-T-MTP)



Heavy-Duty Connector OTP-U-M (Add \$7)
(e.g., RTD-2-F3102-36-G-OTP)



Connectors for Handheld Instruments
TA3F (Add \$17) - TA4F (Add \$17)
(e.g., RTD-2-F3105-36-T-TA3F)



Connector for HH804U meter see page L-17
HH804-CONNECTOR, (Add \$17)
(e.g., RTD-2-F3105-36-T-HH804-CONNECTOR)

Turn these sensors into complete measurement systems with the following popular instrument options:



SPRTX
4 to 20 mA transmitter,
see page N-33 (Add \$75) [e.g.,
RTD-2-F3105-36-G-SPRTX(M1)]



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



OM-DAQPRO-5300 handheld data
logger, \$995, see page R-25.



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



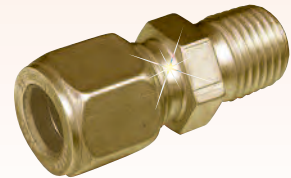
MDSi8-RTD benchtop meter,
\$470, see page M-93.



DP460-RTD indicator,
\$263, see page M-63.



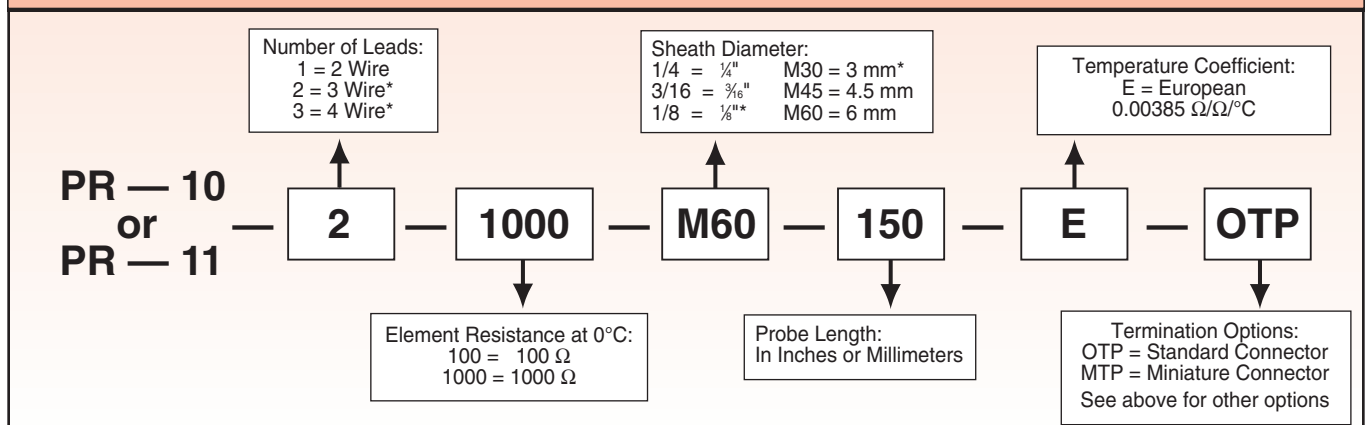
DPI32 meters, \$150,
see page M-11.



SSLK fitting, \$11,
see page A-127.

Need a different resistance, temperature coefficient, cable length, cable type? Use the Model Number Builder below to go beyond our stock product offering to construct the sensor that meets your specific needs. You can also visit our online store at omega.com, select "Order by Model Number," and simply enter the model number and length modifications to automatically obtain price and availability.

How are OMEGA's Model Numbers Constructed?



Ordering Example: PR-10-2-100-3/16-12-E, 100 Ω class A RTD with 3/16 Dia x 12" long probe, 1 m of 3-conductor cable, \$69.

* Contact Sales for pricing.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

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