

Platinum RTD Probes

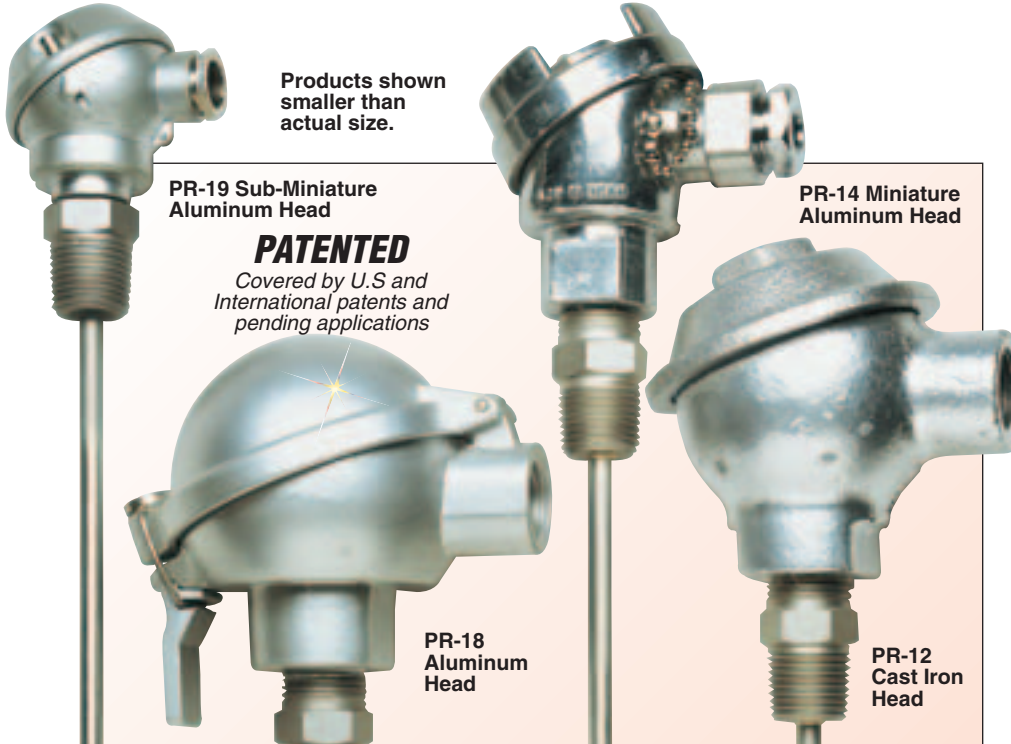
Industrial Design

Standard and Metric Dimensions

PR-Series

\$90

Base Unit



Products shown smaller than actual size.

PR-19 Sub-Miniature Aluminum Head

PATENTED

Covered by U.S and International patents and pending applications

PR-14 Miniature Aluminum Head

PR-18 Aluminum Head

PR-12 Cast Iron Head

This rugged design offers a variety of protection heads with 1/2 NPT mounting threads and 304SS sheath. The length dimension includes a 12 mm (1/2") thread allowance for use with thermowells or for direct immersion into the process. The standard probe uses a Style 2 (3-wire) lead configuration, but other configurations are available. All probes include a screw terminal block for easy connection of extension wire. Intermediate probe lengths are available. Use the next longest probe's price. Lengths over 600 mm (24") are also available; contact Sales. For replacement probes, model without head, add suffix "-RP" to the part number and subtract \$14 from the price.

ALL MODELS AVAILABLE FOR FAST DELIVERY!

Available!
Probes with Built-in Transmitters; Please See pages N-8 through N-14.

For dimension and thread information on these, other protection head models and thermowells please see A-135 and Section B.

Use RTD Extension Wire, e.g., EXTT-3CU Series. Please see next page.

Discount Schedule
(for PR-12, PR-14, PR-18, PR-19 and PR-15 Models)

1 to 10 units	Net
11 to 24 units	.5%
25 to 49 units	10%
50 units and up	15%

Standard Dimensions - Platinum Industrial RTD Probes

To Order (Specify Model Number)					
Model Number	Lead Type†	Ohms at 0°C	Sheath Length	1/4" O.D. Price	1/8 or 3/16" O.D. Price
PR-(**)-2-100-(*)-6-E	2	100	6"	\$90	\$94
PR-(**)-2-100-(*)-9-E	2	100	9"	90	94
PR-(**)-2-100-(*)-12-E	2	100	12"	90	94
PR-(**)-2-100-(*)-18-E	2	100	18"	93	97
PR-(**)-2-100-(*)-24-E	2	100	24"	99	100

*Specify: 1/8, 3/16 or 1/4 for probe diameter in inches. Other lengths readily available

**Specify protection head style: 12 = cast iron; 14 = miniature aluminum;

18 = aluminum; 19 = subminiature aluminum.

Ordering Example: PR-12-2-100-1/14-6-E, industrial RTD probe with cast iron head, 3-wire configuration (style 2), 100 ohm, 1/4" diameter, 6" length, European curve ($\alpha = 0.00385$), \$90.

†For other lead types please see page C-5.

Consult our Sales Department for Class A or lead wire with stainless steel overbraid.

Metric Dimensions - Platinum Industrial RTD Probes

To Order (Specify Model Number)					
Model Number	Lead Type†	Ohms at 0°C	Sheath Length	6 mm O.D. Price	3 or 4.5 mm O.D. Price
PR-(**)-2-100-(*)-150-E	2	100	150 mm	\$90	\$94
PR-(**)-2-100-(*)-225-E	2	100	225 mm	90	94
PR-(**)-2-100-(*)-300-E	2	100	300 mm	90	94
PR-(**)-2-100-(*)-450-E	2	100	450 mm	93	97
PR-(**)-2-100-(*)-600-E	2	100	600 mm	94	100

*Specify: M30, M45 or M60 for probe diameter in millimeters. Other lengths readily available

**Specify protection head style: 12 = cast iron; 14 = miniature aluminum;

18 = aluminum; 19 = subminiature aluminum.

† For other lead types please see page C-5.

Ordering Example: PR-12-2-100-M60-150-E, industrial RTD probe with cast iron head, 3-wire configuration (style 2), 100 ohm, 6 mm diameter, 150 mm length, European curve ($\alpha = 0.00385$), \$90.



UNITED STATES

www.omega.com
1-800-TC-OMEGA
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CANADA

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1-800-TC-OMEGA

GERMANY

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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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• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters