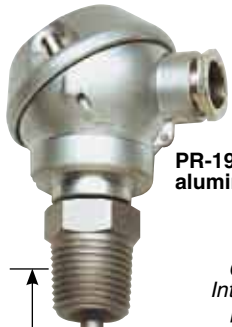


Platinum RTD Probes

Industrial Fixed Length Design

Standard and Metric Dimensions

PR-Series



PR-19 sub-miniature aluminum head.

All models shown smaller than actual size.

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.

- ✓ Rugged Design
- ✓ Offers Variety of Protection Heads
- ✓ 1/2 NPT Mounting Threads and Screw-Type Terminal Block
- ✓ Fixed Length
- ✓ 304 SS Sheath Connected to 304 SS Hex Fitting
- ✓ Standard 3-Wire Configuration, 2- and 4-Wire Also Available
- ✓ 100 Ω Wire-Wound Class "A" DIN Platinum 3-Wire Standard (2- and 4-Wire Available)
- ✓ Optional 4 to 20 mA Transmitters Can be Conveniently Installed in Some Protection Heads

Standard Dimensions—Platinum Industrial RTD Probes

To Order			
Model Number	Lead Type†	Ω at 0°C	Sheath Length
PR-(**)-2-100-(*)-6-E	2	100	6"
PR-(**)-2-100-(*)-9-E	2	100	9"
PR-(**)-2-100-(*)-12-E	2	100	12"
PR-(**)-2-100-(*)-18-E	2	100	18"
PR-(**)-2-100-(*)-24-E	2	100	24"

* 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 Ω, Class "A" DIN platinum element, 1/4" diameter, 6" length, European curve ($\alpha = 0.00385$).

† Visit us online for other lead types.

Metric Dimensions - Platinum Industrial RTD Probes

To Order			
Model Number	Lead Type†	Ω at 0°C	Sheath Length
PR-(**)-2-100-(*)-150-E	2	100	150 mm
PR-(**)-2-100-(*)-225-E	2	100	225 mm
PR-(**)-2-100-(*)-300-E	2	100	300 mm
PR-(**)-2-100-(*)-450-E	2	100	450 mm
PR-(**)-2-100-(*)-600-E	2	100	600 mm

* 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.

† Visit us online for other lead types.

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

Length

Transmitter Options

Model No.	Description
TX94A	Mini transmitter
TX94	Ultra-low profile
TX904	Field rangeable

Note: Visit us online for transmitter range codes.

Ordering Example:

PR-18-2-100-1/4-12-E-TX904, fixed length 100 Ω, Class "A" DIN Platinum RTD with snap-locking aluminum head and TX904-2 transmitter.

Use RTD Extension Wire, e.g., EXTT-3CU Series. Visit us online for details.

Connection Heads

Model No.	Description	Code
PR-12	Cast iron	12
PR-14	Mini aluminum	14
PR-18	Aluminum hinge top	18
PR-19	Sub-mini aluminum	19