

# Platinum RTD Probes

## Industrial Fixed Length Design

## Standard and Metric Dimensions

PR-Series



PR-19 sub-miniature aluminum head.



PR-14 miniature aluminum head.



PR-18 aluminum head.



PR-12 cast iron head.

- ✓ Rugged Design
- ✓ Offers Variety of Protection Heads
- ✓ ½ 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 20mA Transmitters Can Conveniently be Installed into PR-12 and PR-18 Protection Heads

*Note: No transmitters are available for the -14 and -19 heads.*

### Standard Dimensions— Platinum Industrial RTD Probes

To Order			
Model Number	Lead Type†	Ohms 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-12-2-100-1/16-6-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 ( $\alpha = 0.00385$ ).

† For other lead types visit us online.

### Metric Dimensions - Platinum Industrial RTD Probes

To Order			
Model Number	Lead Type†	Ohms 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.

† For other lead types visit us online.

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 ( $\alpha = 0.00385$ ).

Products shown smaller than actual size.

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