

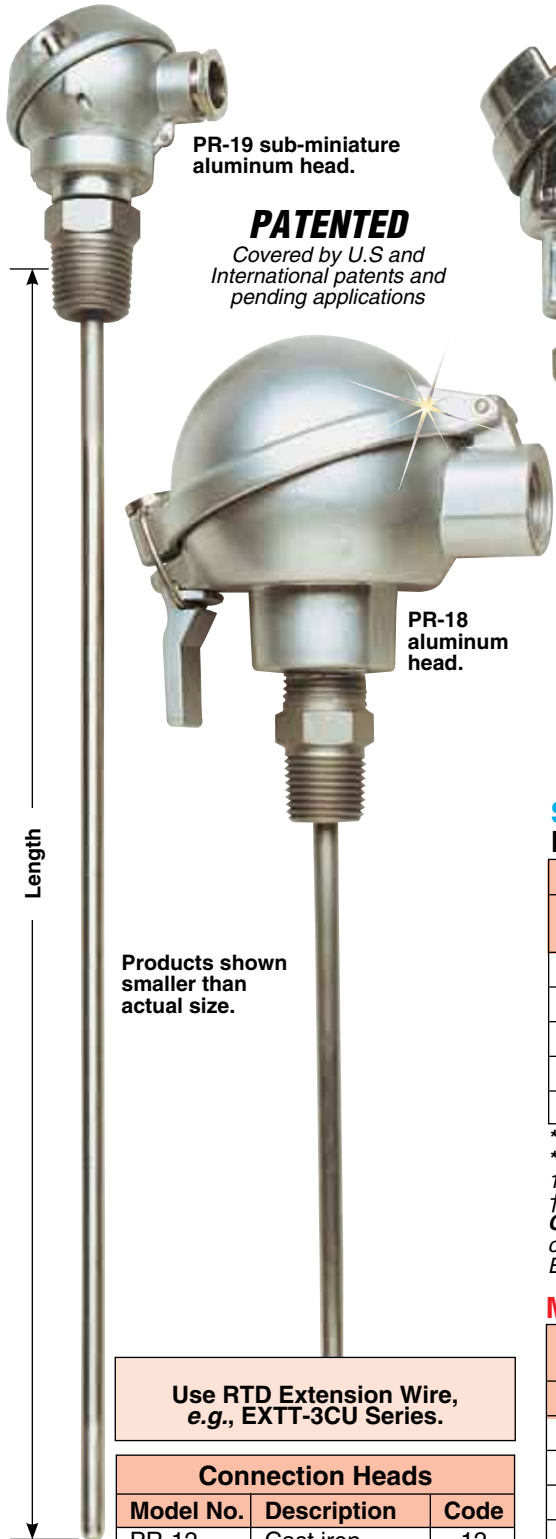
# Platinum RTD Probes

PR-Series



## Industrial Fixed Length Design

## Standard and Metric Dimensions



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.

Products shown smaller than actual size.

Use RTD Extension Wire, e.g., EXTT-3CU Series.

- ✓ Rugged Design
- ✓ Offers Variety of Protection Heads
- ✓ 1/2 NPT Mounting Threads and Screw-Type Terminal Block
- ✓ Temperature Range -200 to 600°C (Connection Heat Rated to 250°C)
- ✓ 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†	Ω at 0°C	Sheath Length (inches)
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 1/8, 3/16, or 1/4 inches. Other lengths readily available

\*\* Specify protection head style: 12 = cast iron; 14 = miniature aluminum; 18 = aluminum; 19 = subminiature aluminum.

† 3-wire lead configuration standard, contact Sales for other configurations.

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 ( $\alpha = 0.00385$ ).

### Metric Dimensions—Platinum Industrial RTD Probes

Model Number	Lead Type†	Ω at 0°C	Sheath Length (mm)
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 3, 4.5, or 6 mm. Other lengths readily available

\*\* Specify protection head style: 12 = cast iron; 14 = miniature aluminum; 18 = aluminum; 19 = subminiature aluminum.

† 3-wire lead configuration standard, contact Sales for other configurations.

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 ( $\alpha = 0.00385$ ).

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