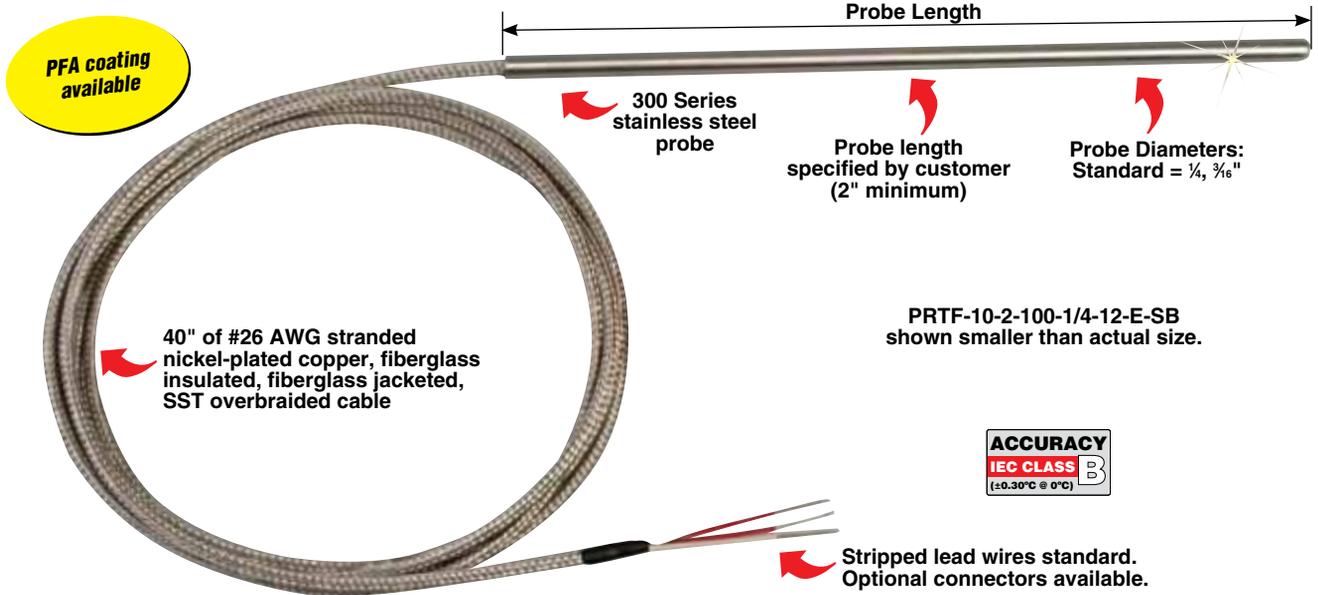


# General Purpose RTD Probes

## With Stainless Steel Braided Wires for Industrial Applications

### Standard Dimensions

- ✓ Transitions Directly to Lead Wires (No Transition Fitting)
- ✓ Compact Design for Applications with Space Restrictions
- ✓ Available in Standard and Metric Sizes
- ✓ Temperature Range: -50 to 500°C
- ✓ Precision Thin Film 100 or 1000 Ω, Class B DIN Platinum Elements per IEC60751 (alpha = 0.00385 Ω/Ω/°C)
- ✓ 2-, 3-, 4-Wire Constructions Available
- ✓ All Sensors Supplied to IEC60751/ASTM E-1137 Color Codes



#### 100 Ω Sensor

To Order		
Model Number	Lead Wire Style	Sheath Length
PRTF-10-2-100-(*)-6-E-SB	3 Wire	6"
PRTF-10-2-100-(*)-12-E-SB	3 Wire	12"
PRTF-10-2-100-(*)-18-E-SB	3 Wire	18"
PRTF-10-2-100-(*)-24-E-SB	3 Wire	24"

\* Specify "-3/16", or "-1/4" for probe diameter in inches (not available in 1/8" diameter). To order 2-wire sensors, change "-2" to "-1" in the model number at same price. To order 4-wire sensors, change "-2" to "-3" in the model number for an additional cost. To order with shrink tube strain relief, specify "-ST" at end of model number, no additional cost. To order probes in intermediate lengths (2" minimum), change length in model number and use next longer probe price. For probe lengths over 24", change length in model number for an additional cost per inch of probe length. For cables longer than 40", add cable length to end of the model number for an additional cost per foot. For MTP or OTP connectors, add "-MTP" or "-OTP" to model number for an additional cost.

**Ordering Example:** PRTF-10-2-100-1/4-12-E-SB-OTP, 100 Ω, Class "B" RTD with a 1/4" diameter by 12" long probe, 40" of 3-wire SST braided cable and OTP connector.

#### 1000 Ω Sensor

To Order		
Model Number	Lead Wire Style	Sheath Length
PRTF-10-2-1000-(*)-6-E-SB	3 Wire	6"
PRTF-10-2-1000-(*)-12-E-SB	3 Wire	12"
PRTF-10-2-1000-(*)-18-E-SB	3 Wire	18"
PRTF-10-2-1000-(*)-24-E-SB	3 Wire	24"

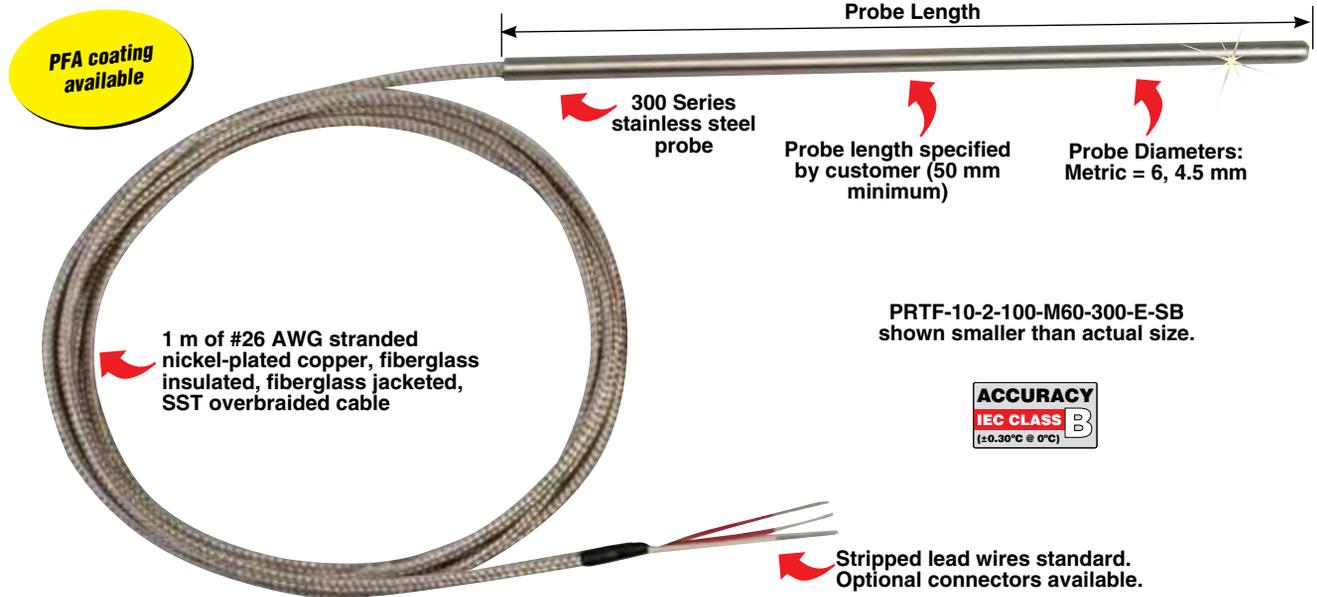
**Ordering Example:** PRTF-10-2-1000-1/4-12-E-SB-OTP, 1000 Ω, Class "B" RTD with a 1/4" diameter probe 12" long, 40" of 3-wire fiberglass insulated and stainless steel braided cable and OTP connector.

# General Purpose RTD Probes

## With Stainless Steel Braided Wires for Industrial Applications

### Metric Dimensions

- ✓ Transitions Directly to Lead Wires (No Transition Fitting)
- ✓ Compact Design for Applications with Space Restrictions
- ✓ Available in Standard and Metric Sizes
- ✓ Temperature Range: -50 to 500°C
- ✓ Precision Thin Film 100 or 1000 Ω, Class B DIN Platinum Elements per IEC60751 (alpha = 0.00385 Ω/Ω/°C)
- ✓ 2-, 3-, 4-Wire Constructions Available
- ✓ All Sensors Supplied to IEC60751/ASTM E-1137 Color Codes



#### 100 Ω Sensor

To Order		
Model Number	Lead Wire Style	Sheath Length
PRTF-10-2-100-(*)-150-E-SB	3 Wire	150 mm
PRTF-10-2-100-(*)-300-E-SB	3 Wire	300 mm
PRTF-10-2-100-(*)-450-E-SB	3 Wire	450 mm
PRTF-10-2-100-(*)-600-E-SB	3 Wire	600 mm

\* Specify “-M45” for 4.5 mm or “-M60” for 6 mm for probe diameter in millimeters (not available in 3 mm diameter). To order 2-wire sensors, change “-2” to “-1” in the model number at same price. To order 4-wire sensors, change “-2” to “-3” in the model number for an additional cost. To order with shrink tube strain relief, specify “-ST” at end of model number, no additional cost. To order probes in intermediate lengths (50 mm minimum), change length in model number and use next longer probe price. For probe lengths over 600 mm, change length in model number for an additional cost per 25 mm of probe length. For cables longer than 1 m, add cable length to end of model number for an additional cost per meter. For MTP or OTP connectors, add “-MTP” or “-OTP” to model number for an additional cost.

**Ordering Example:** PRTF-10-2-100-M45-150-E-SB-OTP, 100 Ω, Class “B” RTD with a 4.5 mm diameter by 150 mm long probe, 1 m of 3-wire SST braided cable and OTP connector.

#### 1000 Ω Sensor

To Order		
Model Number	Lead Wire Style	Sheath Length
PRTF-10-2-1000-(*)-150-E-SB	3 Wire	150 mm
PRTF-10-2-1000-(*)-300-E-SB	3 Wire	300 mm
PRTF-10-2-1000-(*)-450-E-SB	3 Wire	450 mm
PRTF-10-2-1000-(*)-600-E-SB	3 Wire	600 mm

**Ordering Example:** PRTF-10-2-100-M60-300-E-SB-OTP, 1000 Ω, Class “B” RTD with 6 mm diameter probe 300 mm long, 1 m of 3-wire fiberglass insulated and stainless steel braided cable and OTP connector.