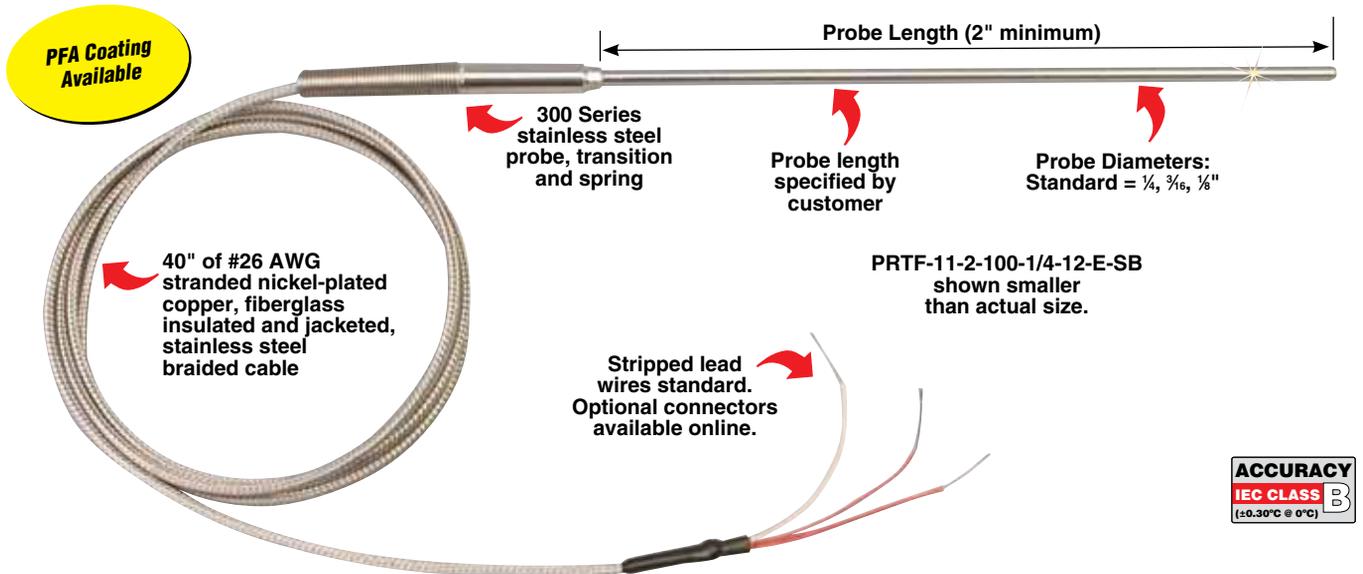


RTD Probes with Transitions and Stainless Steel Braided Cables for Industrial Applications

Standard Dimensions

- ✓ Probe Transition Includes a Strain Relief Spring at the Cable Exit
- ✓ 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 ($\alpha = 0.00385 \Omega/\Omega/^\circ\text{C}$)
- ✓ 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-11-2-100-(*)-6-E-SB | 3 Wire | 6" |
| PRTF-11-2-100-(*)-9-E-SB | 3 Wire | 9" |
| PRTF-11-2-100-(*)-12-E-SB | 3 Wire | 12" |
| PRTF-11-2-100-(*)-18-E-SB | 3 Wire | 18" |
| PRTF-11-2-100-(*)-24-E-SB | 3 Wire | 24" |

* Specify "-1/8", "-3/16", or "-1/4" for probe diameter in inches. 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 probes in intermediate lengths (2" minimum), change 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 and OTP connectors, add "-MTP" or "-OTP" to model number for an additional cost. For TA3F audio connector, add "-TA3F" to model number for an additional cost.

Ordering Example: PRTF-11-2-100-1/4-12-E-SB-TA3F, 100 Ω, Class "B" RTD with a 1/4" diameter by 12" long probe, 40" of 3-wire SST braided cable and TA3F connector.

1000 Ω Sensor

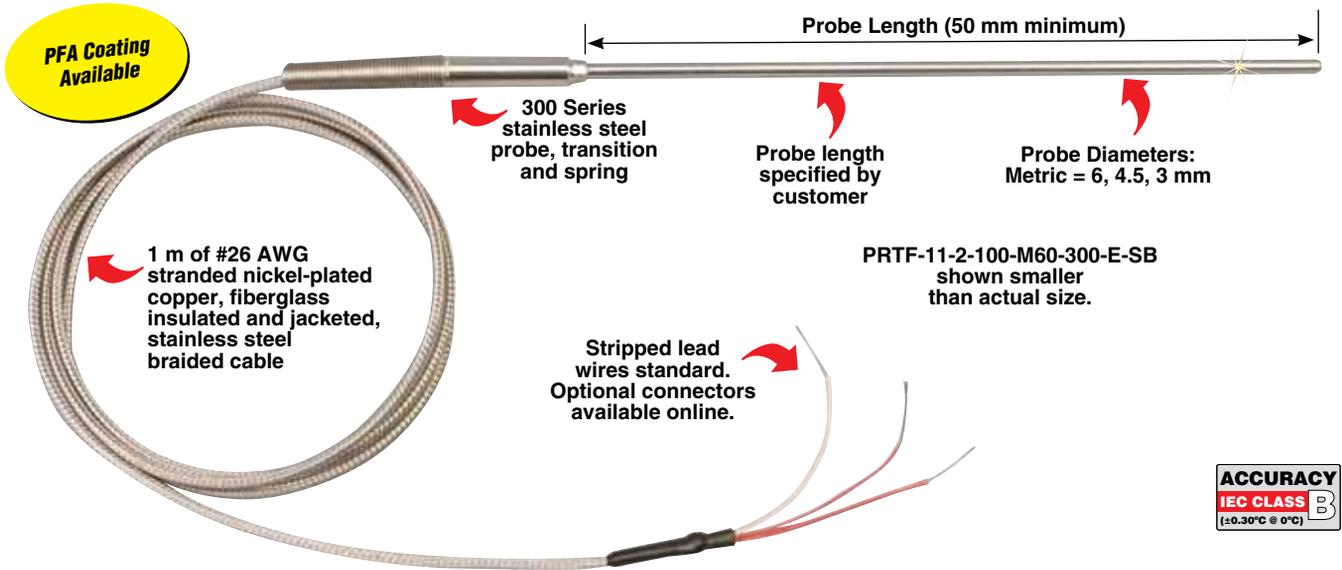
| To Order | | |
|----------------------------|-----------------|---------------|
| Model Number | Lead Wire Style | Sheath Length |
| PRTF-11-2-1000-(*)-6-E-SB | 3 Wire | 6" |
| PRTF-11-2-1000-(*)-9-E-SB | 3 Wire | 9" |
| PRTF-11-2-1000-(*)-12-E-SB | 3 Wire | 12" |
| PRTF-11-2-1000-(*)-18-E-SB | 3 Wire | 18" |
| PRTF-11-2-1000-(*)-24-E-SB | 3 Wire | 24" |

Ordering Example: PRTF-11-2-1000-1/8-12-E-SB-TA3F, 1000 Ω, Class "B" RTD with a 1/8" diameter probe 12" long, 40" of 3-wire fiberglass insulated and stainless steel braided cable and TA3F connector.

RTD Probes with Transitions and Stainless Steel Braided Cables for Industrial Applications

Metric Dimensions

- ✓ Probe Transition Includes a Strain Relief Spring at the Cable Exit
- ✓ 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 ($\alpha = 0.00385 \Omega/\Omega/^\circ\text{C}$)
- ✓ 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-11-2-100-(*)-150-E-SB | 3 Wire | 150 mm |
| PRTF-11-2-100-(*)-225-E-SB | 3 Wire | 225 mm |
| PRTF-11-2-100-(*)-300-E-SB | 3 Wire | 300 mm |
| PRTF-11-2-100-(*)-450-E-SB | 3 Wire | 450 mm |
| PRTF-11-2-100-(*)-600-E-SB | 3 Wire | 600 mm |

* Specify “-M30” for 3 mm, “-M45” for 4.5 mm or “-M60” for 6 mm for probe diameter in millimeters. 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 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 and OTP connectors, add “-MTP” or “-OTP” to model number for an additional cost. For TA3F audio connector, add “-TA3F” to model number for an additional cost.

Ordering Example: PRTF-11-2-100-M45-150-E-SB-MTP, 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 MTP connector.

1000 Ω Sensor

| To Order | | |
|-----------------------------|-----------------|---------------|
| Model Number | Lead Wire Style | Sheath Length |
| PRTF-11-2-1000-(*)-150-E-SB | 3 Wire | 150 mm |
| PRTF-11-2-1000-(*)-225-E-SB | 3 Wire | 225 mm |
| PRTF-11-2-1000-(*)-300-E-SB | 3 Wire | 300 mm |
| PRTF-11-2-1000-(*)-450-E-SB | 3 Wire | 450 mm |
| PRTF-11-2-1000-(*)-600-E-SB | 3 Wire | 600 mm |

Ordering Example: PRTF-11-2-1000-M30-300-E-SB-TA3F, 1000 Ω, Class “B” RTD with 3 mm diameter probe 300 mm long, 1 m of 3-wire fiberglass insulated stainless steel braided cable and TA3F connector.