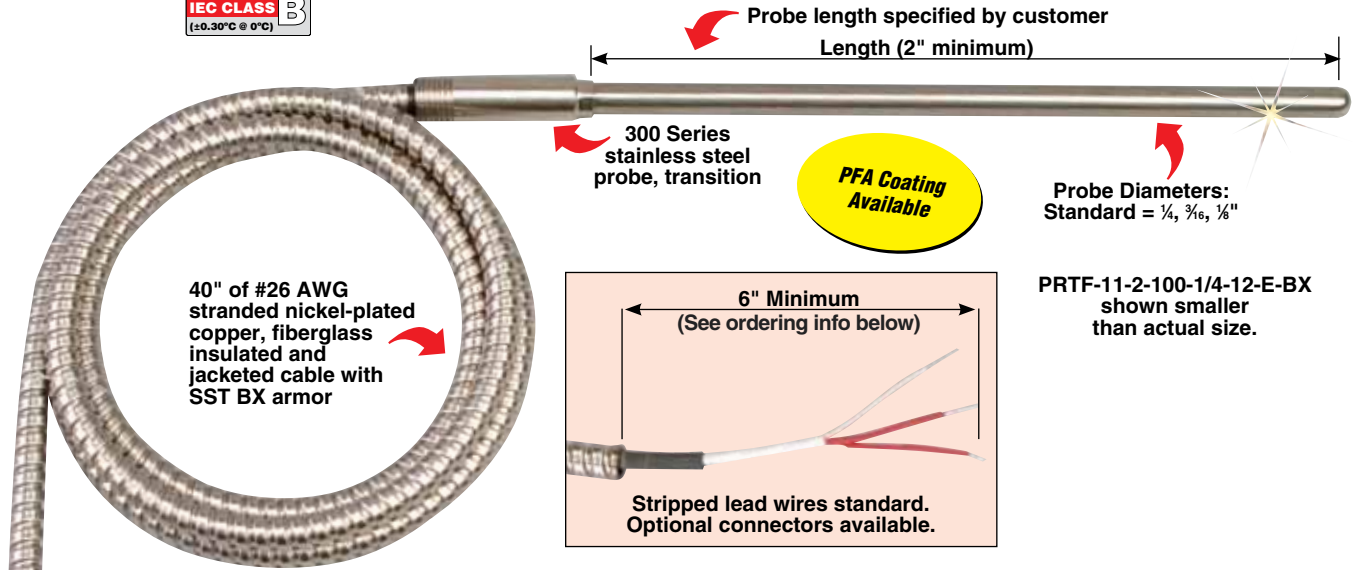


# RTD Probes with Transitions and Stainless Steel BX Armor Cable for Industrial Applications

## Standard Dimensions

- ✓ 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-BX	3 Wire	6"
PRTF-11-2-100-(*)-9-E-BX	3 Wire	9"
PRTF-11-2-100-(*)-12-E-BX	3 Wire	12"
PRTF-11-2-100-(*)-18-E-BX	3 Wire	18"
PRTF-11-2-100-(*)-24-E-BX	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 length in model number for an additional cost. For probe lengths over 24", change length in model number and for an additional cost per inch of probe length. Cable length refers to length of metal hose with cable extending 6" minimum from end of metal hose. For metal hose lengths longer than 40", add 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. For TA3F audio connector add "TA3F" to model number for an additional cost.

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

### 1000 Ω Sensor

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

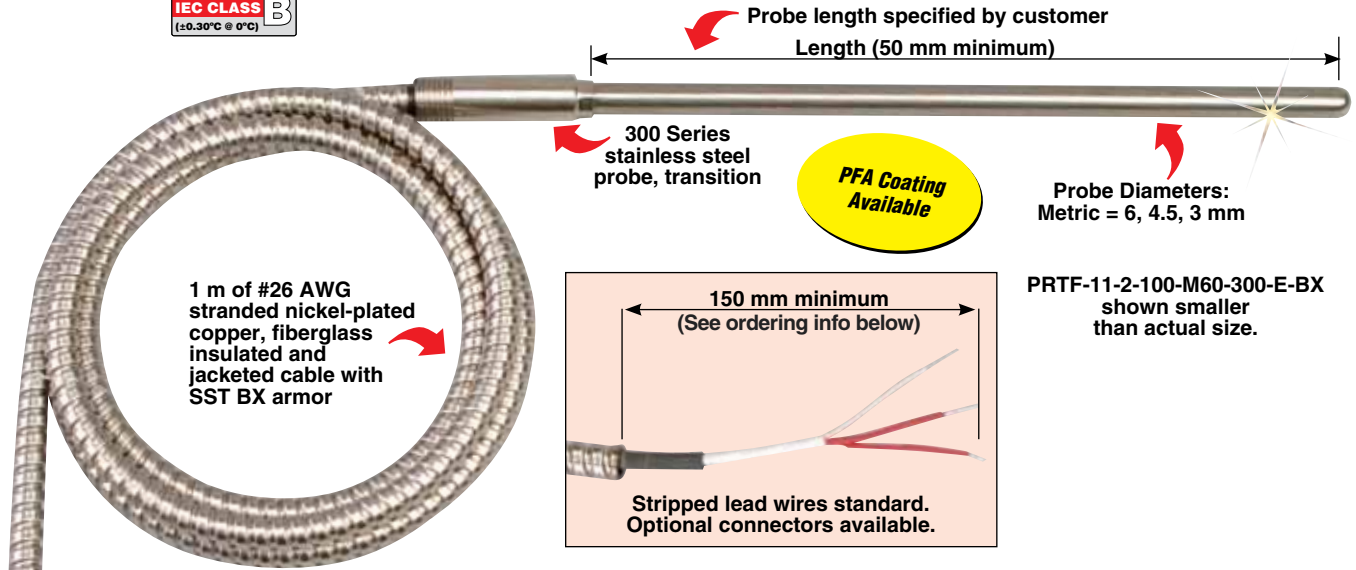
**Ordering Example:** PRTF-11-2-1000-1/8-12-E-BX-TA3F, 1000 Ω, Class "B" RTD with a 1/8" diameter probe 12" long, 40" of 3-wire fiberglass insulated cable with BX armor and TA3F connector.

# RTD Probes with Transitions and Stainless Steel BX Armor Cable for Industrial Applications

## Metric Dimensions

- ✓ 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-BX	3 Wire	150 mm
PRTF-11-2-100-(*)-225-E-BX	3 Wire	225 mm
PRTF-11-2-100-(*)-300-E-BX	3 Wire	300 mm
PRTF-11-2-100-(*)-450-E-BX	3 Wire	450 mm
PRTF-11-2-100-(*)-600-E-BX	3 Wire	600 mm

\* Specify “-M30”, “-M45” or “-M60” 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 for an additional cost. For probe lengths over 600 mm, change length in model number for an additional cost per 25 mm of probe length. Cable length refers to length of metal hose with cable extending 150 mm minimum from end of metal hose. For metal hose lengths longer than 1 meter, add length to end of the model number for an additional cost per meter. For MTP or 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-BX-OTP, 100 Ω, Class “B” RTD with 4.5 mm diameter by 150 mm long probe, 1 m of 3-wire cable with BX armor and OTP connector.

### 1000 Ω Sensor

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

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