



# Replacement Probes

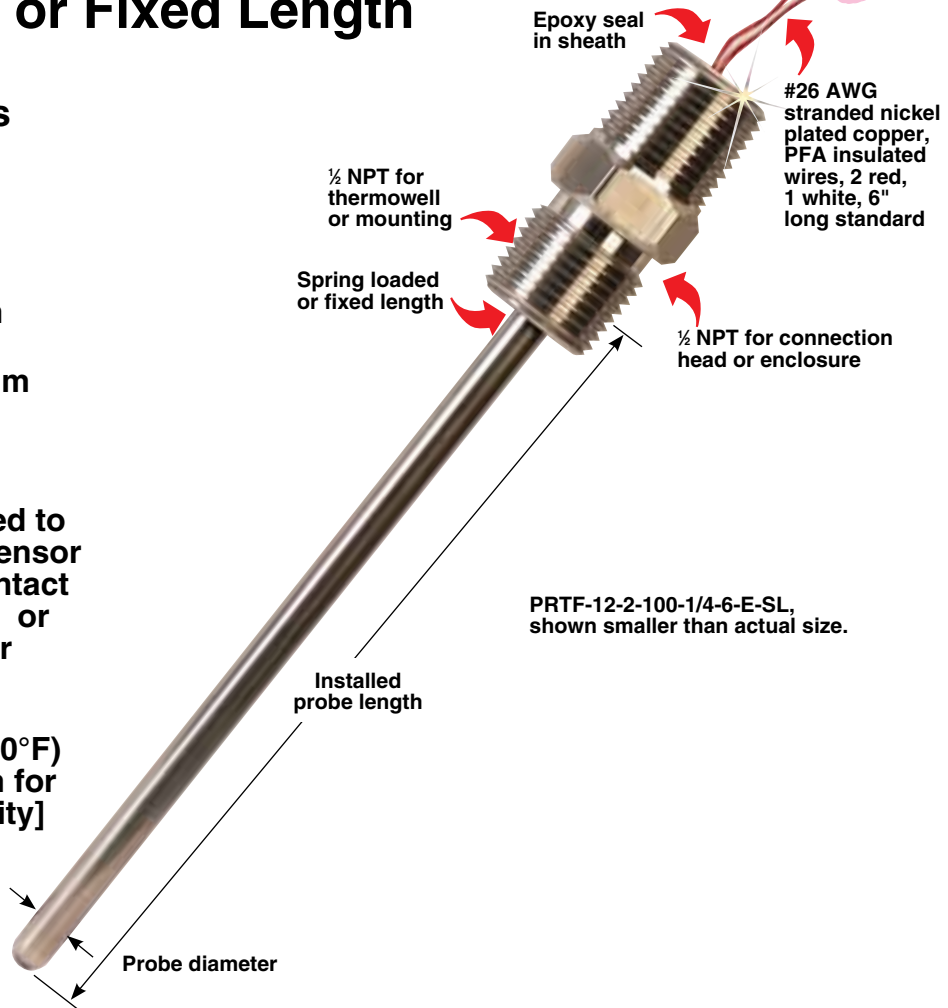
## For Connection Head Assemblies

### Spring Loaded or Fixed Length

#### PRTF-12-RP Series



- ✓ Replacement Probes Used with Connection Heads or Enclosures
- ✓ Pt100 Class B Thin Film Sensing Element
- ✓ Includes Two ½ NPT Mounting Threads
- ✓ Probe is Spring Loaded to Mounting Fitting so Sensor Will Have Positive Contact with Thermowell Bore or Fixed Length for Other Applications
- ✓ Temperature Range -50 to 260°C (-58 to 500°F) [Specify "-GG" Option for 500°C (932°F) Capability]
- ✓ Available in ⅛, ⅜ and ¼" Diameters



**To Order Visit [omega.com/prtf-12-rp](http://omega.com/prtf-12-rp) for Pricing and Details**

Model No.	Number of Lead Wires	Resistance at 0°C	Sensor Accuracy	Sheath Length
PRTF-12-2-100-(*)-6-E-RP	3	100 Ω	Class B	6" Fixed
PRTF-12-2-100-(*)-9-E-RP	3	100 Ω	Class B	9" Fixed
PRTF-12-2-100-(*)-12-E-RP	3	100 Ω	Class B	12" Fixed
PRTF-12-2-100-(*)-18-E-RP	3	100 Ω	Class B	18" Fixed
PRTF-12-2-100-(*)-24-E-RP	3	100 Ω	Class B	24" Fixed
PRTF-12-2-100-(*)-6-E-RP-SL	3	100 Ω	Class B	6" Spring
PRTF-12-2-100-(*)-9-E-RP-SL	3	100 Ω	Class B	9" Spring
PRTF-12-2-100-(*)-12-E-RP-SL	3	100 Ω	Class B	12" Spring
PRTF-12-2-100-(*)-18-E-RP-SL	3	100 Ω	Class B	18" Spring
PRTF-12-2-100-(*)-24-E-RP-SL	3	100 Ω	Class B	24" Spring

\* Specify ⅛, ⅜ or ¼ probe diameter in inches. Lead wires are individual wires 6" long standard.  
 For 2-wire construction, change "-2" in model number to "-1", for 4-wire construction, change to "-3" (color code is red/white, red/red/white or red/red/white/white) for additional cost.  
 For special probe lengths, change sheath length in model number to required sheath length in inches for additional cost per inch.  
 For lead wires other than 6" long, add lead wire length in inches after the "-SL" in the model number for additional cost per foot.  
 For fiberglass insulated lead wires and 500°C capability, add "-GG" to the model number for additional cost.  
**Ordering Examples:** PRTF-12-2-100-1/4-6-E-RP-SL, spring loaded ¼" OD by 6" long probe with ½ x ½ NPT mounting threads, 100 Ω Pt100 Class B element and three 6" long (260°C max temp) PFA insulated extension wires.  
 PRTF-12-3-100-3/16-18-E-RP-SL-12-GG, spring loaded ⅜" OD by 18" long probe with ½ x ½ NPT mounting threads, 100 Ω Pt100 Class B element and four 12" long (500°C max temp) fiberglass insulated extension wires.  
 PRTF-12-2-100-1/4-6-E-RP, fixed length ¼" OD by 6" long probe with ½ x ½ NPT mounting threads, 100 Ω Pt100 Class B element and three 6" long (260°C max temp) PFA insulated extension wires.