



Replacement Probes

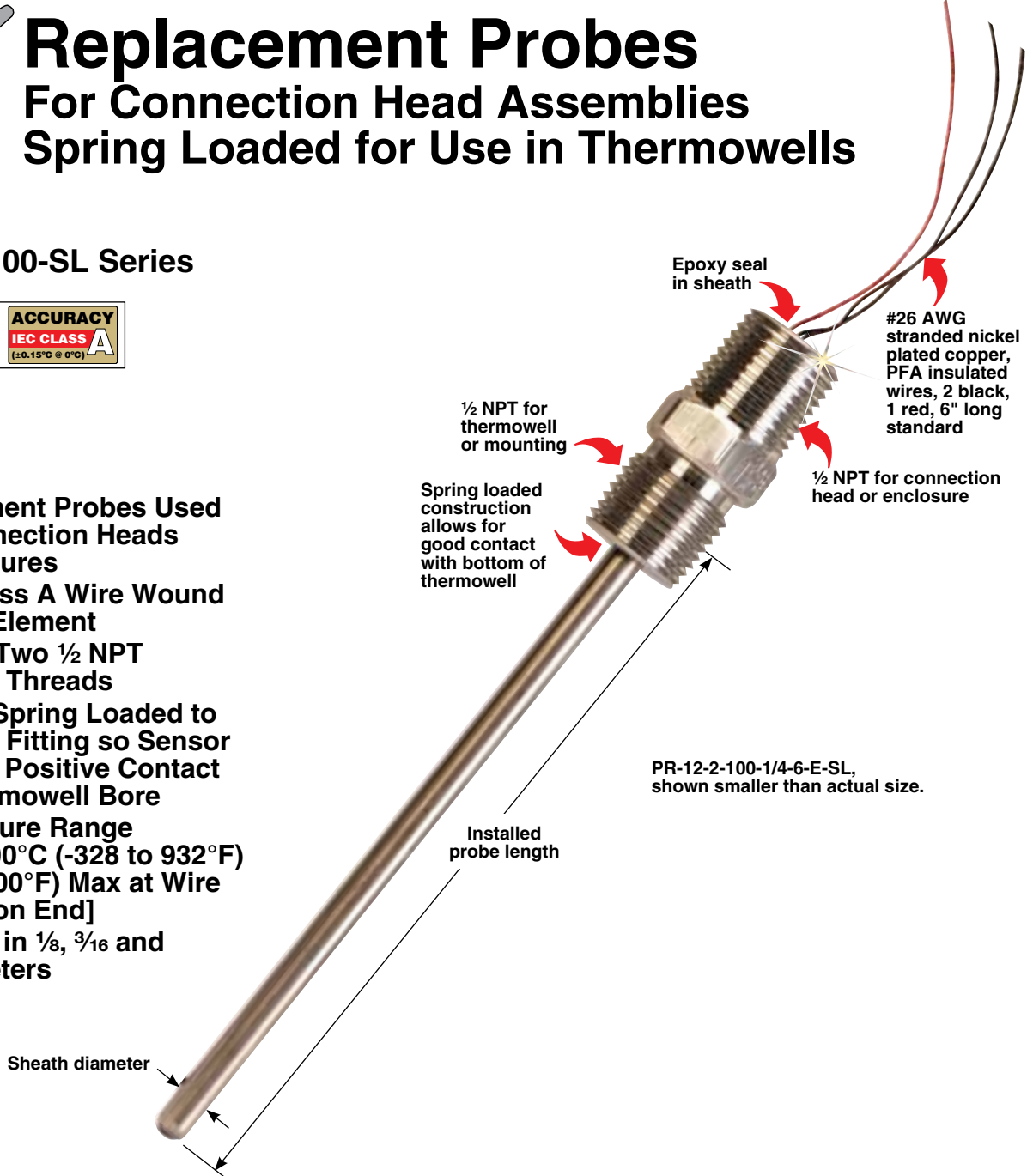
For Connection Head Assemblies

Spring Loaded for Use in Thermowells

PR-12-2-100-SL Series



- ✓ Replacement Probes Used with Connection Heads or Enclosures
- ✓ Pt100 Class A Wire Wound Sensing Element
- ✓ Includes Two ½ NPT Mounting Threads
- ✓ Probe is Spring Loaded to Mounting Fitting so Sensor Will Have Positive Contact with Thermowell Bore
- ✓ Temperature Range -200 to 500°C (-328 to 932°F) [260°C (500°F) Max at Wire Connection End]
- ✓ Available in ⅛, ⅜, and ¼" Diameters



To Order Visit omega.com/pr-12-rp for Pricing and Details

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

Notes: (*) Specify ⅛, ⅜ or ¼" probe diameter. 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/black, red/red/black or red/red/black/black), additional cost.
 For special probe lengths, change sheath length in model number to required sheath length in inches, additional cost per inch above 24".
 For lead wires other than 6" long, add lead wire length in inches after the "-SL" in the model number additional cost per foot.
 For fiberglass insulated lead wires, add "-GG" to the model number for additional price.
Ordering Examples: PR-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 A element and three 6 long PFA insulated extension wires.
 PR-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 A element and four 12" long fiberglass extension wires.



Replacement Probes

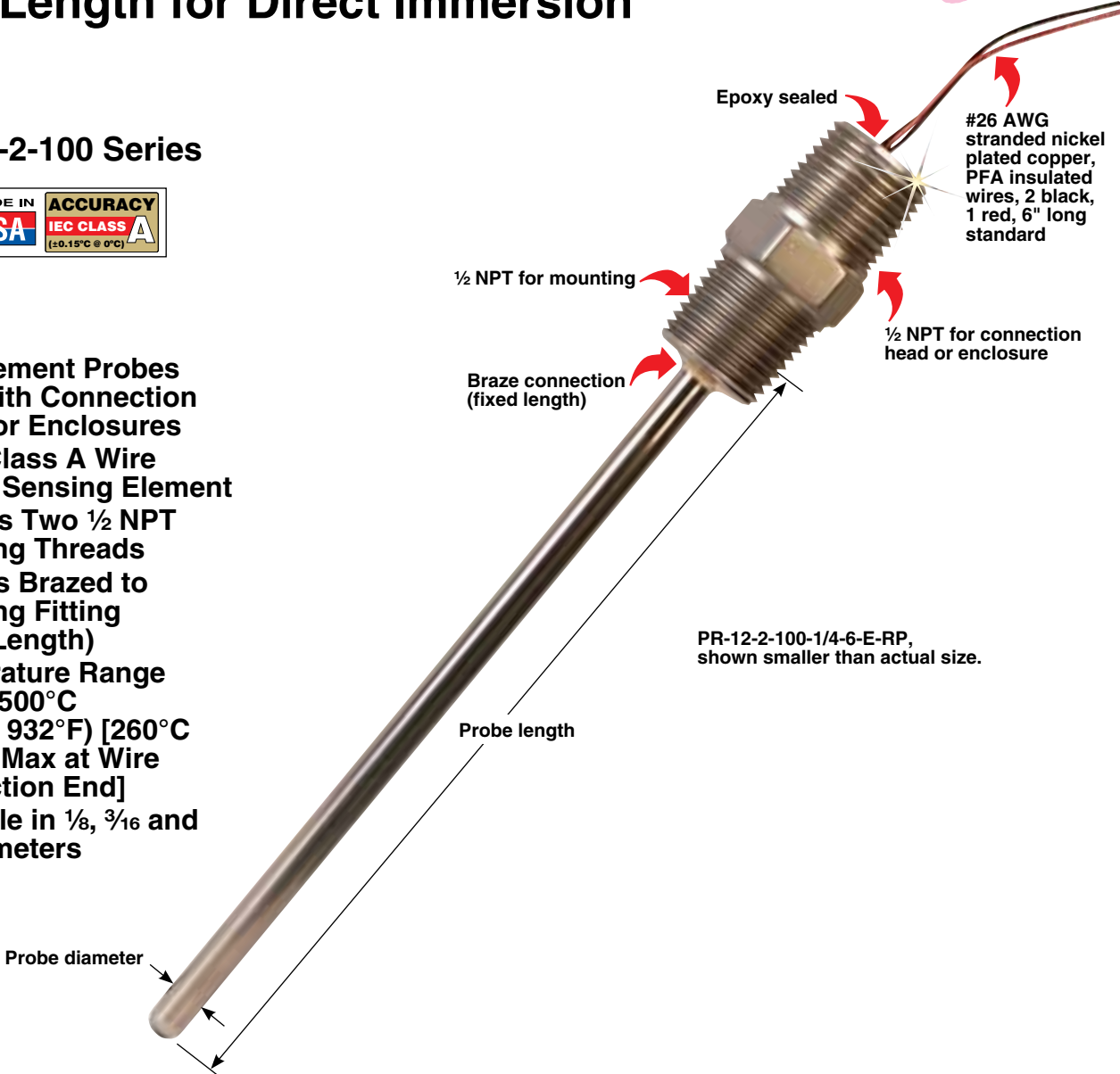
For Connection Head Assemblies

Fixed Length for Direct Immersion

PR-12-2-100 Series



- ✓ Replacement Probes Used with Connection Heads or Enclosures
- ✓ Pt100 Class A Wire Wound Sensing Element
- ✓ Includes Two ½ NPT Mounting Threads
- ✓ Probe is Brazed to Mounting Fitting (Fixed Length)
- ✓ Temperature Range -200 to 500°C (-328 to 932°F) [260°C (500°F) Max at Wire Connection End]
- ✓ Available in 1/8, 3/16 and 1/4" Diameters



To Order Visit omega.com/pr-12-rp for Pricing and Details

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

Notes: (*) Specify 1/8, 3/16 or 1/4" probe diameter. 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/black, red/red/black or red/red/black/black), additional cost.
 For special probe lengths, change sheath length in model number to required sheath length in inches, additional cost per inch above 24".
 For lead wires other than 6" long, add lead wire length in inches after the "-RP" in the model number additional cost per foot.
 For fiberglass insulated lead wires, add "-GG" to the model number for additional price.
Ordering Examples: PR-12-2-100-1/4-6-E-RP, 1/4" OD by 6" long fixed length probe with 1/2 x 1/2 NPT mounting threads, 100 Ω Pt100 Class A element and three 6" long PFA insulated extension wires.
 PR-12-3-100-3/16-18-E-RP-12-GG, 3/16" OD by 18" long fixed length probe with 1/2 x 1/2 NPT mounting threads, 100 Ω Pt100 Class A element and four 12" long fiberglass insulated extension wires.