Short RTD Probe

PR-20 Series

NEW®

ACCURACY IEC CLASS A (±0.15°C @ 0°C)
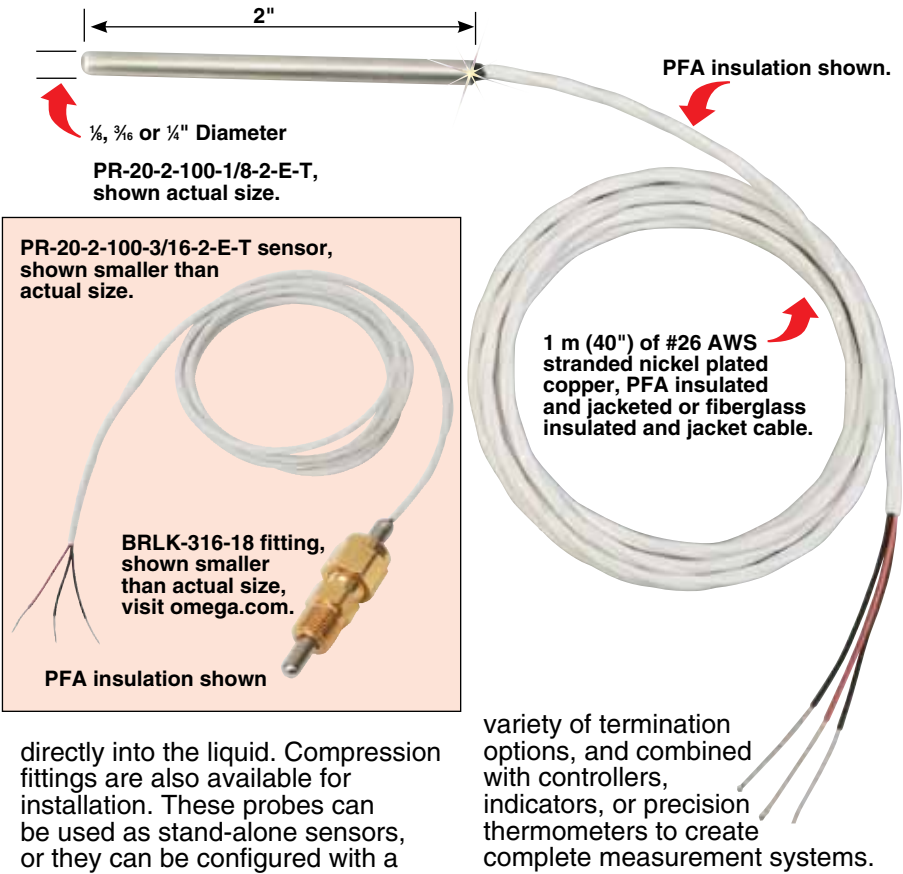
- ✔ **2" Compact Design for Applications with Space Restrictions**
- ✔ **Transitions Directly to Lead Wires (No Transition Fitting)**
- ✔ **Temperature Range: PFA: -50 to 260°C (-58 to 500°F) Fiberglass: -50 to 450°C (-58 to 842°F) Depending on Cable Selection**
- ✔ **High-Accuracy, 100 Ω, Class "A" DIN Platinum Elements per IEC751 (alpha = 0.00385 Ω/Ω/°C)**
- ✔ **2-, 3-, 4-Wire Constructions Available**

2"

⅛, ³⁄₁₆ or ¼" Diameter

PR-20-2-100-1/8-2-E-T, shown actual size.

PFA insulation shown.

PR-20-2-100-3/16-2-E-T sensor, shown smaller than actual size.

1 m (40") of #26 AWS stranded nickel plated copper, PFA insulated and jacketed or fiberglass insulated and jacket cable.

BRLK-316-18 fitting, shown smaller than actual size, visit omega.com.

PFA insulation shown

These general purpose 2" long sensors can be used in most liquid and air applications. When used in liquid environments, the epoxy-sealed end should not be immersed directly into the liquid. Compression fittings are also available for installation. These probes can be used as stand-alone sensors, or they can be configured with a variety of termination options, and combined with controllers, indicators, or precision thermometers to create complete measurement systems.

To Order *Visit omega.com/pr-20 for Pricing and Details*

Model Number	Probe Diameter (inch)	Lead Wire Style*	Max Temp Range °C (°F)
PR-20-2-100-1/8-2-E-T	⅛	3-wire/PFA insulation	260 (500)
PR-20-2-100-3/16-2-E-T	³⁄₁₆	3-wire/PFA insulation*	260 (500)
PR-20-2-100-1/4-2-E-T	¼	3-wire/PFA insulation*	260 (500)
PR-20-2-100-1/8-2-E-G	⅛	3-wire/fiberglass insulation	450 (842)
PR-20-2-100-3/16-2-E-G	³⁄₁₆	3-wire/fiberglass insulation*	450 (842)
PR-20-2-100-1/4-2-E-G	¼	3-wire/fiberglass insulation*	450 (842)

Note: For leads longer than 40", add "(-desired length in inches)" to the model number for additional price.
* For 4 wire configurations change the "2" to a "3" in the model number for additional price.
4-wire constructions are not available in ⅛" diameters.
Terminations Available: for "-LUG", for "-OTP" and "-MTP" connectors. Visit omega.com for additional price.
***Ordering Example: PR-20-2-100-3/16-2-E-T,** 2", ³⁄₁₆" diameter, 3-wire 100 Ω RTD probe with 40" PFA insulated lead wire.*

Accessories

Model Number	Description
MTP-U-M	Miniature male 3-prong flat pin connector
OTP-U-M	Heavy-duty male 3-prong round pin connector
DPi32	⅟₃₂ DIN panel meter
SSLK-18-18	Compression fitting for ⅛" probe with ⅛ male NPT
SSLK-14-14	Compression fitting for ¼" probe with ¼ male NPT
SSLK-316-14	Compression fitting for ³⁄₁₆" probe with ¼ male NPT
SSLK-316-18	Compression fitting for ³⁄₁₆" probe with ⅛ male NPT

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