



Sanitary RTD probes

Standard Duty with Integral Cable

PRS-S-CB-120 Series

\$120

All Models



**For Use in
CIP and Sanitary
Processes**

- ✓ Standard Duty 1/2" Probe Diameter
- ✓ 1 1/2" 16 AMP Tri-Grip™ (Tri-Clamp® Compatible) Fitting Standard
- ✓ 10' PFA Insulated Cable with Strain Relief
- ✓ 316L SS Wetted Surfaces 32 µin or Better Finish
- ✓ 4-Wire Pt100 Class A Element Standard
- ✓ -50 to 200°C (-58 to 392°F) Temperature Range

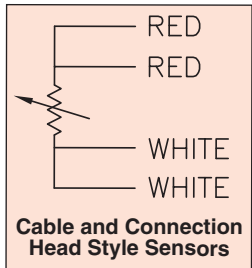
Options

- ✓ Fitting Styles
- ✓ Probe Lengths
- ✓ RTD Elements
- ✓ Cable Lengths

**Sensor Flange Size
Range 3/4 to 4" Tri-Grip™
Process Flange.
See Page C-16 for
Details**

32 µin Finish

1/4" diameter.



PRS-3-100-A-S-0300-D1-CB-120, \$120, shown actual size.

The OMEGA® PRS-S-CB-120 series RTD probes are available in standard lengths from 3 to 6", with a 4-wire Pt100 Class A element (100 ± 0.06 Ω at 0°C) that is compatible with 3-wire RTD instrumentation. Standard features include a 1 1/2" 16 AMP Tri-Grip™ fitting and 10 ft of PFA insulated and jacketed cable with strain relief. Please consult sales for available options, including element types and curves, probe and cable lengths, and sanitary fitting styles.

MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)					
Model No.	Price	Lead Wire Style	Ω at 0°C	Sheath Diameter	Probe Length
PRS-3-100-A-S-0300-D1-CB-120	\$120	4-wire	100	1/4"	3"
PRS-3-100-A-S-0400-D1-CB-120	120	4-wire	100	1/4"	4"
PRS-3-100-A-S-0500-D1-CB-120	120	4-wire	100	1/4"	5"
PRS-3-100-A-S-0600-D1-CB-120	120	4-wire	100	1/4"	6"

To order with longer cable lengths, change model number suffix from "-120" to desired length in inches, and add \$1 per add'l foot to price.

Please consult sales for available options, including element types and curves, probe lengths, and sanitary fitting styles.

Ordering Examples: PRS-3-100-A-S-0400-D1-CB-120, 4-wire Pt100 RTD sensor (100 Ω @ 0°C, Class A accuracy), 1 1/2" 16 AMP Tri-Grip™ fitting, 4" length, standard duty probe, 120 in (10') PFA insulated/jacketed cable, \$120.

PRS-3-100-A-S-0400-D1-CB-144, 4-wire Pt100 RTD sensor (100 Ω @ 0°C, Class A accuracy), 1 1/2" 16 AMP Tri-Grip™ fitting, 4" length, standard duty probe, 144 in (12') PFA insulated/jacketed cable, \$120 + 2 = \$122.



Sanitary RTD Probes Heavy-Duty with Integral Cable

PRS-H-CB-120 Series

\$150

All Models



**For Use in
CIP and Sanitary
Processes**

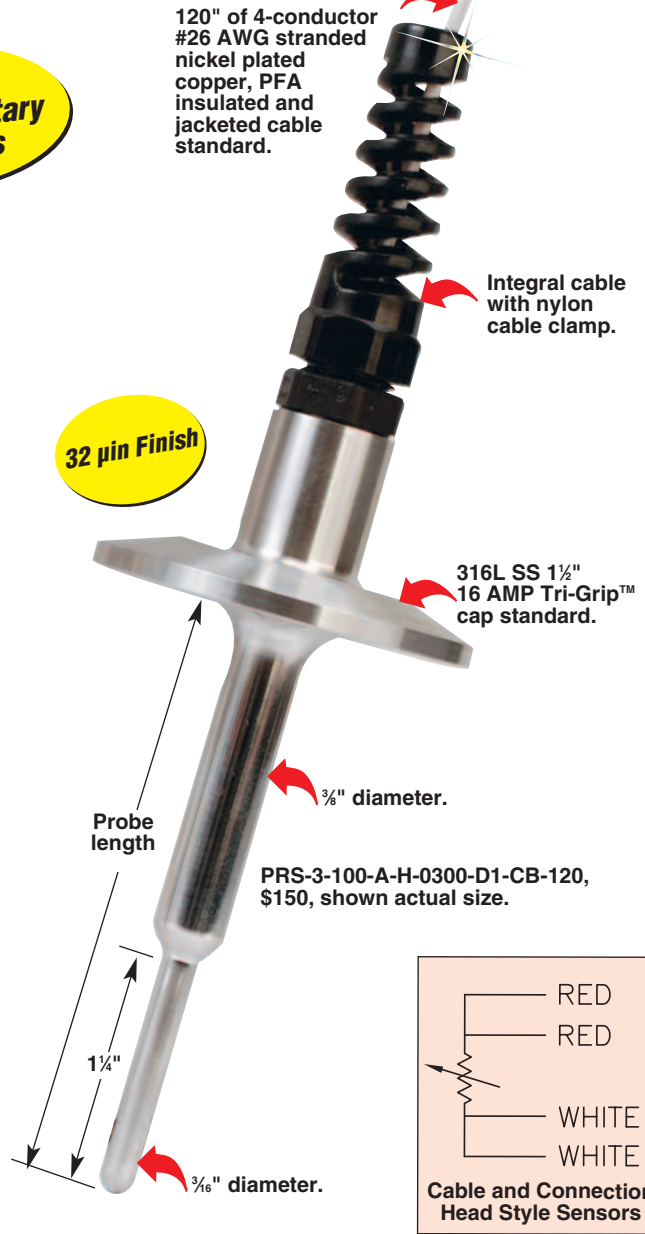
- ✓ Heavy-Duty Probe Design With Stepped Probe Stem for Additional Strength
- ✓ 1½" 16 AMP Tri-Grip™ (Tri-Clamp® Compatible) Fitting Standard
- ✓ 120" (10') PFA Insulated Cable with Strain Relief
- ✓ 316L SS Wetted Surfaces with 32 µin or Better Finish
- ✓ 4-Wire Pt100 Class A Element Standard
- ✓ -50 to 200°C (-58 to 392°F) Temperature Range

Options

- ✓ Fitting Styles
- ✓ Probe Lengths
- ✓ RTD Elements
- ✓ Cable Lengths

**Sensor Flange Size
Range ¾ to 4" Tri-Grip™
Process Flange.
See Page C-16 for
Details**

The OMEGA® PRS-H-CB-120 Series RTD probes are available in standard lengths from 3 to 6", with a 4-wire Pt100 Class A element ($100 \pm 0.06\Omega$ at 0°C) that is compatible with 3-wire RTD instrumentation. These heavy-duty probes have a ¾" diameter, which steps down to a ⅜" dia at the probe tip, for fast response and additional strength. Standard features include a 1½" 16 AMP Tri-Grip™ fitting and 120" (10') of PFA insulated and jacketed cable with strain relief. Please consult sales for available options, including element types and curves, probe and cable lengths, and sanitary fitting styles.



MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)					
Model No.	Price	Lead Wire Style	Ω At 0°C	Sheath Diameter	Probe Length
PRS-3-100-A-H-0300-D1-CB-120	\$150	4-wire	100	¾"	3"
PRS-3-100-A-H-0400-D1-CB-120	150	4-wire	100	¾"	4"
PRS-3-100-A-H-0500-D1-CB-120	150	4-wire	100	¾"	5"
PRS-3-100-A-H-0600-D1-CB-120	150	4-wire	100	¾"	6"

To order with longer cable lengths, change model number suffix from "-120" to desired length in inches, and add \$1 per add'l foot to price. Please consult sales for available options, including element types and curves, probe lengths, and sanitary fitting styles.

Ordering Examples: PRS-3-100-A-H-0400-D1-CB-120, 4-wire Pt100 RTD sensor (100 Ω @ 0°C, Class A accuracy), 1½" 16 AMP Tri-Grip™ fitting, 4" length, heavy-duty probe, 120 in (10') PFA insulated/jacketed cable, \$150.

PRS-3-100-A-H-0400-D1-CB-144, 4-wire Pt100 RTD sensor (100 Ω @ 0°C, Class A accuracy), 1½" 16 AMP Tri-Grip™ fitting, 4" length, heavy-duty probe, 144 in (12') PFA insulated/jacketed cable, \$150 + 2 = \$152.



UNITED STATES

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