

Sanitary RTD Probes

Standard Duty with M12 Connector

PRS-S-M12 Series



Provides Quick and Easy Installation in CIP and Sanitary Processes

4-pin M12 connector plug.

316L SS 1½" 16 AMP Tri-Grip™ cap standard.

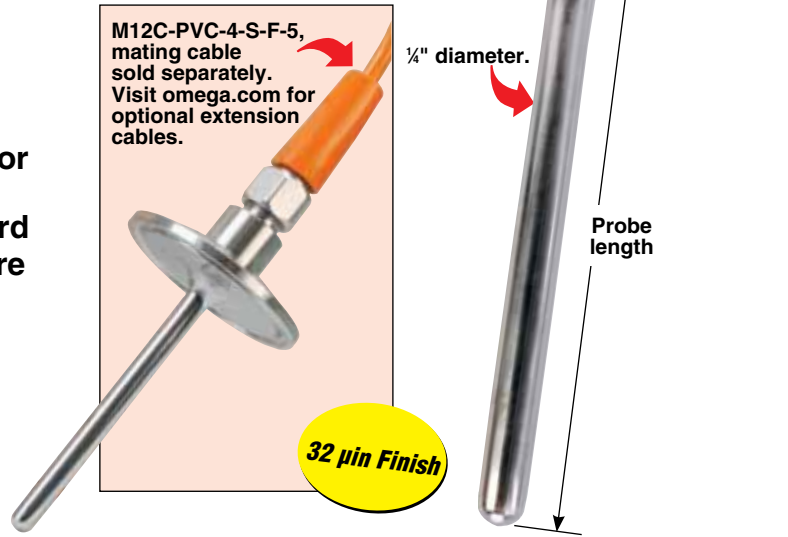
PRS-3-100-A-S-0300-D1-M12 shown actual size.

- ✓ Standard Duty ¼" Probe Diameter
- ✓ 1½" 16 AMP Tri-Grip™ (Tri-Clamp® Compatible) Fitting Standard
- ✓ 4-Wire M12 Male Connector Standard
- ✓ 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

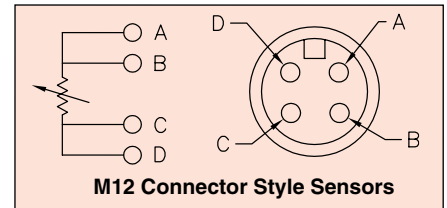
- ✓ Fitting Styles
- ✓ Probe Lengths
- ✓ RTD Elements

Sensor Flange Size Range ¾ to 4" Tri-Grip™ Process Flange. Visit omega.com for Details



The OMEGA® PRS-S-M12 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 1½" 16 AMP Tri-Grip™ fitting and 4-wire M12 male connector termination. Please consult sales for available options, including element types and curves, probe lengths, and sanitary fitting styles.

Visit omega.com for M12 Transmitter Options



To Order Visit omega.com/prs-3-100-m12 for Pricing and Details				
Model No.	Lead Wire Style	Ω At 0°C	Sheath Diameter	Probe Length
PRS-3-100-A-S-0300-D1-M12	4-wire	100	¼"	3"
PRS-3-100-A-S-0400-D1-M12	4-wire	100	¼"	4"
PRS-3-100-A-S-0500-D1-M12	4-wire	100	¼"	5"
PRS-3-100-A-S-0600-D1-M12	4-wire	100	¼"	6"

Visit omega.com for M12C series cables with M12 connectors.

Note: 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-M12, 4-wire Pt100 RTD sensor (100 Ω @ 0°C, Class A accuracy), 1½" 16 AMP Tri-Grip™ fitting, 4" length, standard duty probe, M12 male connector, and M12C-PVC-4-S-F-5, 5 m (16.4') PVC cable with M12 connector and stripped lead termination.

PRS-3-100-A-S-0500-D1-M12, 4-wire Pt100 RTD sensor (100 Ω @ 0°C, Class A accuracy), 1½" 16 AMP Tri-Grip™ fitting, 5" length, standard duty probe, M12 male connector, and M12C-PVC-4-S-F-5, 5 m (16.4') PVC cable with M12 connector and stripped lead termination.

Sanitary RTD Probes

Heavy-Duty with M12 Connector

PRS-H-M12 Series



Provides Quick and Easy Installation in CIP and Sanitary Processes

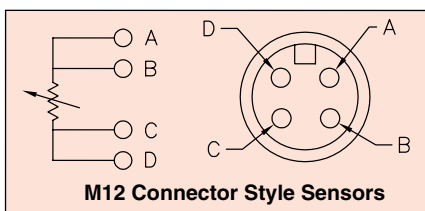
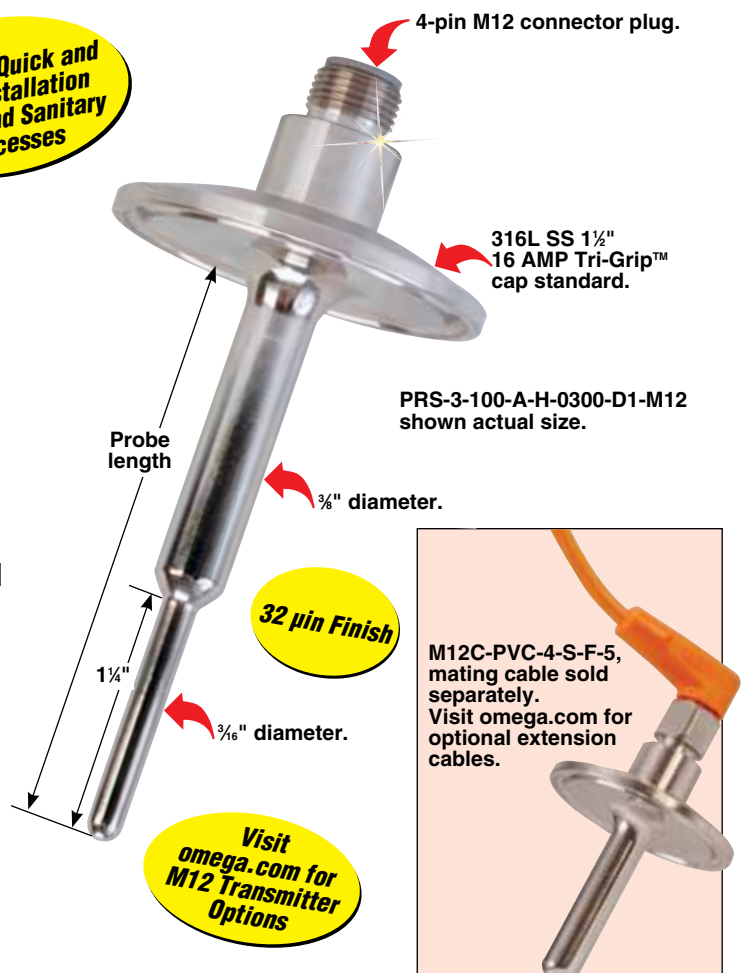
- ✓ Heavy Duty Probe Design with Stepped Probe Stem for Additional Strength
- ✓ 1½" 16 AMP Tri-Grip™ (Tri-Clamp® Compatible) Fitting Standard
- ✓ 4-Wire M12 Male Connector Standard
- ✓ 316L SS Wetted Surfaces with 32 µin or Better Finish
- ✓ 4-Wire Pt100 Class A Element Standard
- ✓ -50 to 200°C (-58 to 392°F) Temperature Range

Options

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

Sensor Flange Size Range ¾" to 4" Tri-Grip™ Process Flange. Visit omega.com for Details

The OMEGA® PRS-H-M12 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. These heavy-duty probes have a ¾" diameter, which steps down to a ⅜" diameter at the probe tip, for fast response and additional strength. Standard features include a 1½" 16 AMP Tri-Grip™ fitting and 4-wire M12 male connector termination. Please consult sales for available options, including element types and curves, probe lengths, and sanitary fitting styles.



To Order Visit omega.com/prs-3-100-m12 for Pricing and Details

Model No.	Lead Wire Style	Ω at 0°C	Sheath Diameter	Probe Length
PRS-3-100-A-H-0300-D1-M12	4-wire	100	¾"	3"
PRS-3-100-A-H-0400-D1-M12	4-wire	100	¾"	4"
PRS-3-100-A-H-0500-D1-M12	4-wire	100	¾"	5"
PRS-3-100-A-H-0600-D1-M12	4-wire	100	¾"	6"

Visit omega.com for M12C series cables with M12 connectors.

Note: 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-M12, 4-wire Pt100 RTD sensor (100 Ω @ 0°C, Class A accuracy), 1½" 16 AMP Tri-Grip™ fitting, 4" length, heavy-duty probe, M12 male connector, and M12C-PVC-4-S-F-5, 5 m (16.4') PVC cable with M12 connector and stripped lead termination.

PRS-3-100-A-H-0300-D1-M12, 4-wire Pt100 RTD sensor (100 Ω @ 0°C, Class A accuracy), 1½" 16 AMP Tri-Grip™ fitting, 3" length, heavy-duty probe, M12 male connector.

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