

M12 Connector RTD Probes with Class A Accuracy 3-A Sanitary

MRS-S-M12 Series

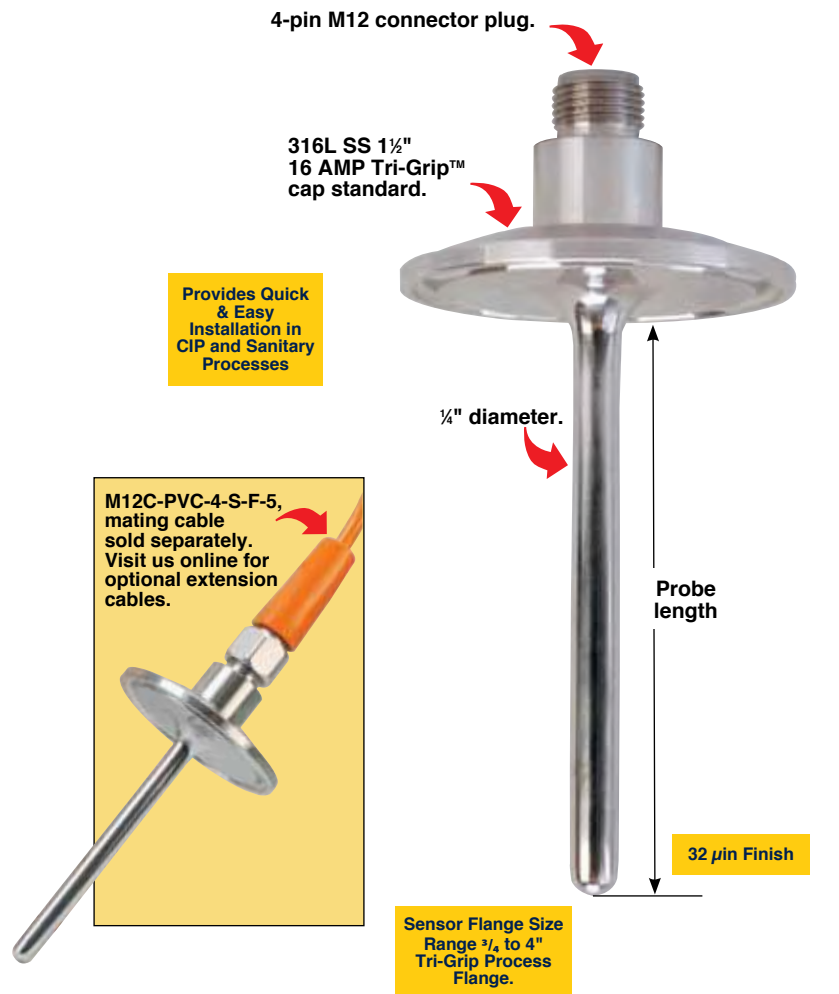
Features

- Standard Duty 1/4" Probe Diameter
- 1 1/2" 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

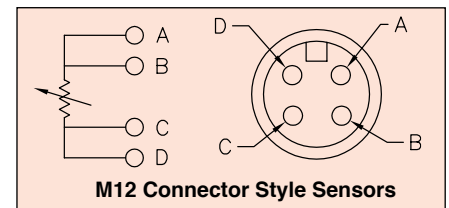
Options

- Fitting Styles
- Probe Lengths
- RTD Elements

The MRS-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 at 0°C) that is compatible with 3-wire RTD instrumentation. Standard features include a 1 1/2" 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.



MRS-S-M12 Series shown smaller than actual size.



To Order				
Model No.	Lead Wire Style	Ω At 0°C	Sheath Diameter	Probe Length
MRS-3-100-A-S-0300-D1-M12	4-wire	100	1/4"	3"
MRS-3-100-A-S-0400-D1-M12	4-wire	100	1/4"	4"
MRS-3-100-A-S-0500-D1-M12	4-wire	100	1/4"	5"
MRS-3-100-A-S-0600-D1-M12	4-wire	100	1/4"	6"

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MRS-H-M1 Series

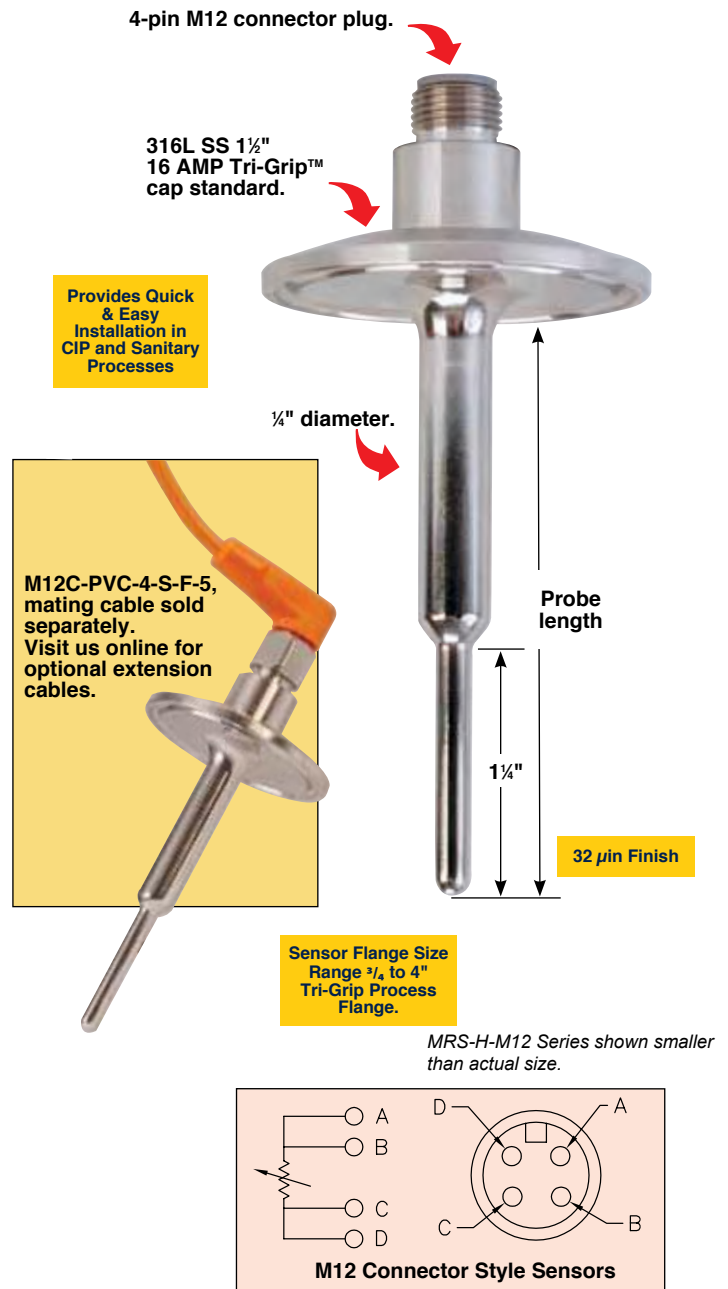
Features

- 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

The MRS-H-M12 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" 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				
Model No.	Lead Wire Style	Ω at 0°C	Sheath Diameter	Probe Length
MRS-3-100-A-H-0300-D1-M12	4-wire	100	⅜"	3"
MRS-3-100-A-H-0400-D1-M12	4-wire	100	⅜"	4"
MRS-3-100-A-H-0500-D1-M12	4-wire	100	⅜"	5"
MRS-3-100-A-H-0600-D1-M12	4-wire	100	⅜"	6"