

Integral Cable RTD Probes with Class A Accuracy Sanitary

MRS-S-CB Series

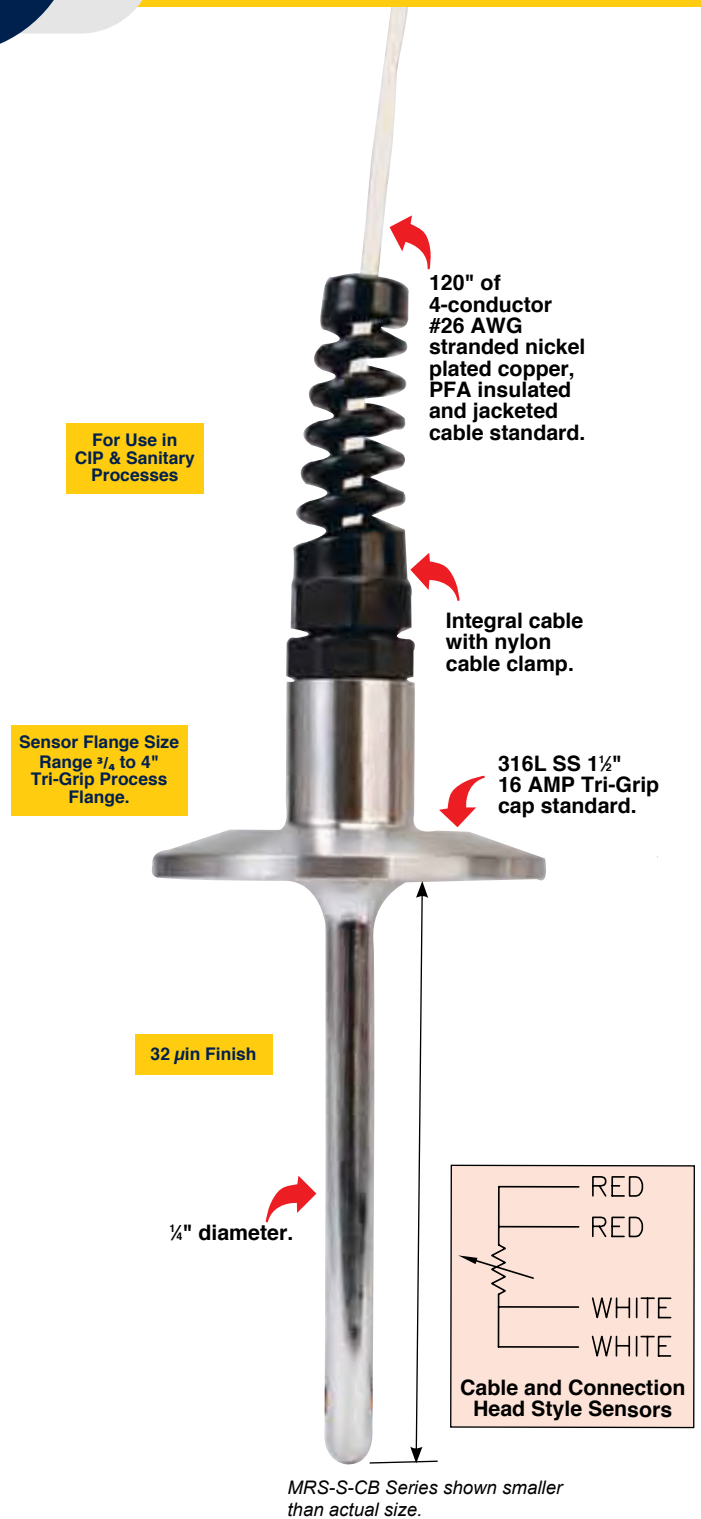
Features

- Standard Duty 1/4" 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

The MRS-S-CB 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. 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.



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

Integral Cable RTD Probes with Class A Accuracy Sanitary

MRS-H-CB Series

Features

- 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

The MRS-H-CB 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 3/8" diameter, which steps down to a 3/16" diameter 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.

120" of 4-conductor #26 AWG stranded nickel plated copper, PFA insulated and jacketed cable standard.

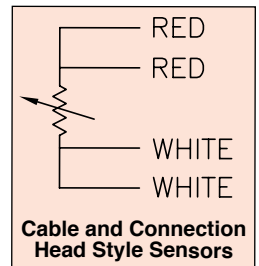
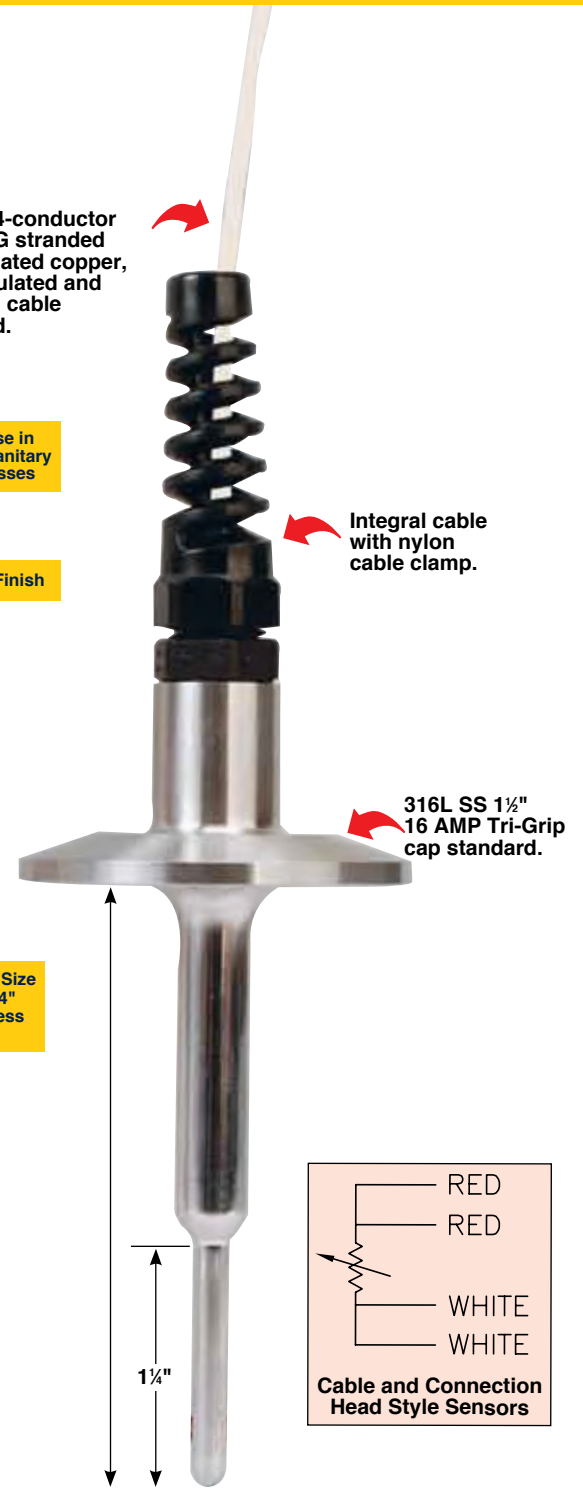
For Use in CIP & Sanitary Processes

32 µin Finish

Integral cable with nylon cable clamp.

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

Sensor Flange Size Range ¾ to 4" Tri-Grip Process Flange.



MRS-H-CB 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-H-0300-D1-CB-120	4-wire	100	3/8"	3"
MRS-3-100-A-H-0400-D1-CB-120	4-wire	100	3/8"	4"
MRS-3-100-A-H-0500-D1-CB-120	4-wire	100	3/8"	5"
MRS-3-100-A-H-0600-D1-CB-120	4-wire	100	3/8"	6"