



# Sanitary RTD Assemblies

## Standard Duty with Protection Head

PRS-S-NB9W Series

**\$95**

All Models



74-03

**For Use in CIP and Sanitary Processes**

- ✓ Standard Duty 1/4" Probe Diameter
- ✓ 1 1/2" 16 AMP Tri-Grip™ (Tri-Clamp® Compatible) Fitting Standard
- ✓ White Polypropylene Head with Screw Cap Standard, Optional 316L SS Head Available
- ✓ 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
- ✓ Protection Heads
- ✓ Probe Lengths
- ✓ RTD Elements

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

The OMEGA® PRS-S-NB9W Series RTD probe assemblies 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, type NB9W white polypropylene protection head with screw cap. Please consult sales for available options, including element types and curves, probe lengths, protection heads and sanitary fitting styles.

3/4" NPT conduit connection.

White polypropylene screw cover connection head.

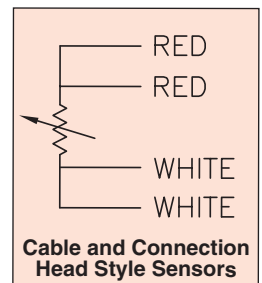
**See Page C-63 for Head Mounted Transmitter Options**

316L SS 1 1/2" 16 AMP Tri-Grip™ cap standard.

1/4" diameter.

**32 µin Finish**

Probe length



PRS-3-100-A-S-0300-D1-NB9W, \$95, shown smaller than actual size.

**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-NB9W	\$95	4-wire	100	1/4"	3"
PRS-3-100-A-S-0400-D1-NB9W	95	4-wire	100	1/4"	4"
PRS-3-100-A-S-0500-D1-NB9W	95	4-wire	100	1/4"	5"
PRS-3-100-A-S-0600-D1-NB9W	95	4-wire	100	1/4"	6"

**Optional protection heads:** To order with NB15 large 316 SS head, change model number suffix from "-NB9W" to "-NB15" and add \$37 to price.

**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-NB9W, 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, NB9W white polypropylene screw cap protection head, \$95.

PRS-3-100-A-S-0400-D1-NB15, 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 with NB15 316 SS screw top cap protection head, \$95 + 37 = \$132.



# Sanitary RTD Assemblies

## Heavy-Duty with Protection Head

PRS-H-NB9W Series

**\$125**

All Models



74-03

- ✓ Heavy-Duty Probe Design With Stepped Probe Stem for Additional Strength
- ✓ 1½" 16 AMP Tri-Grip™ (Tri-Clamp™ Compatible) Fitting Standard
- ✓ White Polypropylene Head with Screw Cap Standard, Optional 316L SS Connection Head Available
- ✓ 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
- ✓ Protection Heads
- ✓ Probe Lengths
- ✓ RTD Elements

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

The OMEGA® PRS-H-NB9W Series RTD probe assemblies are available in standard lengths from 3 to 6", with a 4-wire Pt100 Class A element (100 ±0.06Ω at 0°C) that is compatible with 3-wire RTD instrumentation. These heavy-duty probes have a ¾" diameter, which steps down to a ⅝" dia at the probe tip, for fast response and additional strength. Standard features include a 1½" 16 AMP Tri-Grip™ fitting, type NB9W white polypropylene protection head with screw cap. Please consult sales for available options, including element types and curves, probe lengths, protection heads 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-NB9W	\$125	4-wire	100	¾"	3"
PRS-3-100-A-H-0400-D1-NB9W	125	4-wire	100	¾"	4"
PRS-3-100-A-H-0500-D1-NB9W	125	4-wire	100	¾"	5"
PRS-3-100-A-H-0600-D1-NB9W	125	4-wire	100	¾"	6"

**Optional protection heads:** To order with NB15 large 316 SS head, change model number suffix from "-NB9W" to "-NB15" and add \$37 to price.

**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-NB9W, 4-wire Pt100 RTD sensor (100 Ω @ 0°C, Class A accuracy), 1½" 16 AMP Tri-Grip™ fitting, 4" length, heavy-duty probe, NB9W white polypropylene screw cap protection head, \$125.

PRS-3-100-A-H-0400-D1-NB15, 4-wire Pt100 RTD sensor (100 Ω @ 0°C, Class A accuracy), 1½" 16 AMP Tri-Grip™ fitting, 6" length, heavy-duty probe, NB15 316 SS screw cap protection head, \$125 + 37 = \$162.



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