Sanitary RTD Probes
Standard Duty with M12 Connector

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.

Options
- Fitting Styles
- Probe Lengths
- RTD Elements

To Order

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Lead Wire Style</th>
<th>Ω At 0°C</th>
<th>Sheath Diameter</th>
<th>Probe Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRS-3-100-A-S-0300-D1-M12</td>
<td>4-wire</td>
<td>100</td>
<td>¼&quot;</td>
<td>3&quot;</td>
</tr>
<tr>
<td>PRS-3-100-A-S-0400-D1-M12</td>
<td>4-wire</td>
<td>100</td>
<td>¼&quot;</td>
<td>4&quot;</td>
</tr>
<tr>
<td>PRS-3-100-A-S-0500-D1-M12</td>
<td>4-wire</td>
<td>100</td>
<td>¼&quot;</td>
<td>5&quot;</td>
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<tr>
<td>PRS-3-100-A-S-0600-D1-M12</td>
<td>4-wire</td>
<td>100</td>
<td>¼&quot;</td>
<td>6&quot;</td>
</tr>
</tbody>
</table>

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

- 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 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 ½" 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.

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<td>PRS-3-100-A-H-0300-D1-M12</td>
<td>4-wire</td>
<td>100</td>
<td>¾&quot;</td>
<td>3&quot;</td>
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<tr>
<td>PRS-3-100-A-H-0400-D1-M12</td>
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<td>100</td>
<td>¾&quot;</td>
<td>4&quot;</td>
</tr>
<tr>
<td>PRS-3-100-A-H-0500-D1-M12</td>
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<td>PRS-3-100-A-H-0600-D1-M12</td>
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</tr>
</tbody>
</table>

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.