

# RTD Temperature Sensors With Micro-DIN Connectors



## PR-24 Series



- ✓ IP65 Rated
- ✓ 316 Stainless Steel
- ✓ Rugged Mineral Insulated Construction
- ✓ Pt100 and Pt1000 Options Available
- ✓ High Accuracy, with Pt100 Class A, 4-Wire Construction as Standard
- ✓ Maximum Temperature: 250°C (480°F) Process, 125°C (257°F) Connector
- ✓ Minimum Temperature: -50°C (-58°F) Process, -30°C (-22°F) Connector
- ✓ Pressure Rating: 150 Bar
- ✓ Any Sheath Length Available - See Note Below "To Order" Table

Omega's PR-24 Series RTD probes feature industry standard micro-DIN connectors for ease of installation and fast replacement.

The IP65 rated connector with an all stainless steel sheath and integral thread construction is ideally suited for use in demanding industrial environments.

Standard process threads are G $\frac{1}{4}$ ", G $\frac{1}{2}$ ",  $\frac{1}{4}$ " NPT and  $\frac{1}{2}$ " NPT other threads are available on request.



To Order	
Model No.	Description
PR-24-3-100-A-G1/4-6-150	Pt100 4-wire Class A probe, 6 mm Dia., 150 mm L, G $\frac{1}{4}$ " thread with copper sealing washer
PR-24-3-100-A-G1/4-3-150	Pt100 4-wire Class A probe, 3 mm Dia., 150 mm L, G $\frac{1}{4}$ " thread with copper sealing washer
PR-24-3-100-A-G1/2-6-150	Pt100 4-wire Class A probe, 6 mm Dia., 150 mm L, G $\frac{1}{2}$ " thread with copper sealing washer
PR-24-3-100-A-G1/2-3-150	Pt100 4-wire Class A probe, 3 mm Dia., 150 mm L, G $\frac{1}{2}$ " thread with copper sealing washer
PR-24-3-100-A-1/4-1/4-6	Pt100 4-wire Class A probe, $\frac{1}{4}$ " Dia., 6" L, $\frac{1}{4}$ " NPT thread
PR-24-3-100-A-1/4-1/8-6	Pt100 4-wire Class A probe, $\frac{1}{8}$ " Dia., 6" L, $\frac{1}{4}$ " NPT thread
PR-24-3-100-A-1/2-1/4-6	Pt100 4-wire Class A probe, $\frac{1}{4}$ " Dia., 6" L, $\frac{1}{2}$ " NPT thread
PR-24-3-100-A-1/2-1/8-6	Pt100 4-wire Class A probe, $\frac{1}{8}$ " Dia., 6" L, $\frac{1}{2}$ " NPT thread
PR-24-3-100-A-G1/4	Pt100 4-wire Class A pipe plug probe with G $\frac{1}{4}$ " thread with copper sealing washer
PR-24-3-100-A-1/2	Pt100 4-wire Class A pipe plug probe with $\frac{1}{2}$ " NPT thread

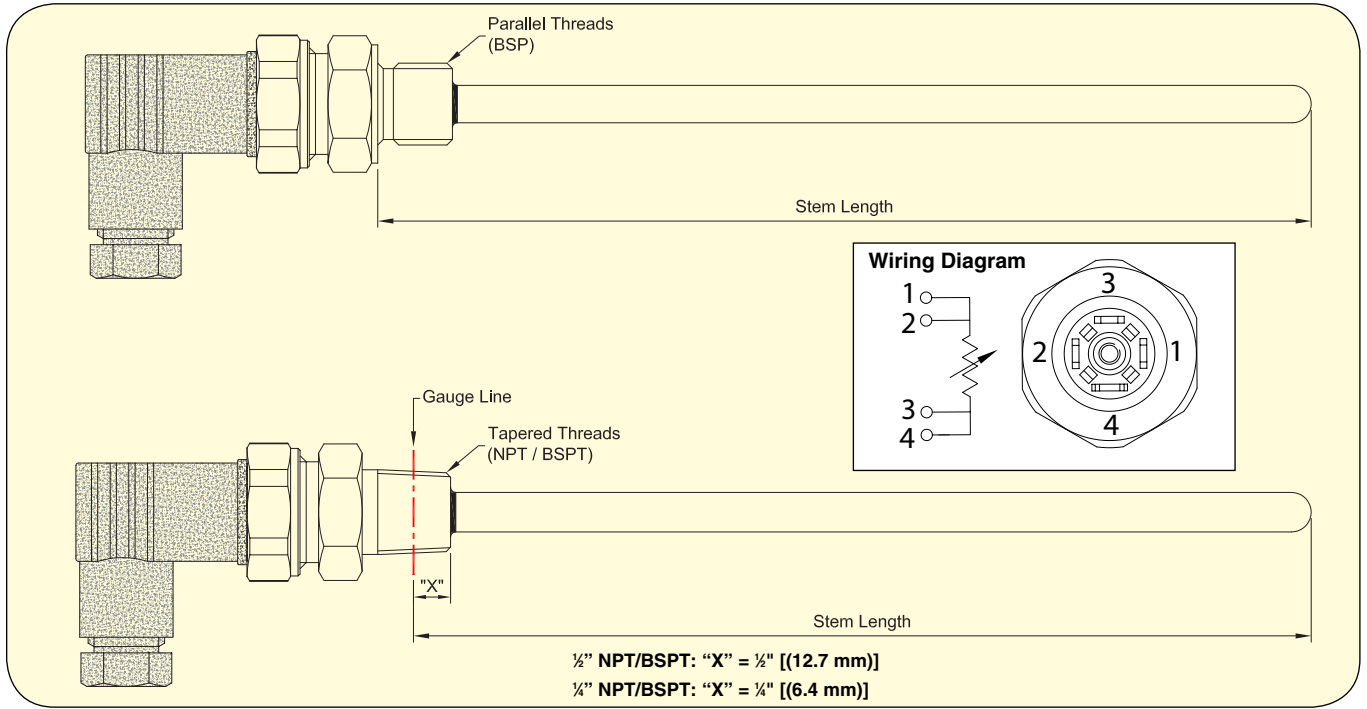
**Note:** To order non-standard lengths change "6" or "150" in part number to length required in inches or millimeters respectively. Shorter lengths, no additional charge. Longer lengths call our Sales team.

## Accessories

Model No.	Description
PR-24-CON-5M	Pre-wired micro DIN connector with 5 m (16.4') of 4-core PVC insulated wire with tinned Copper Overbraid
PR-24-CON-10M	Pre-wired micro DIN connector with 10 m (32.8') of 4-core PVC insulated wire with tinned copper overbraid
CSW-1/4	Copper sealing washer for G $\frac{1}{4}$ " threads
CSW-1/2	Copper sealing washer for G $\frac{1}{2}$ " threads
EXTT-4CUI-24S-15M	4-core extension cable, 7 strands 0.2 mm. PFA insulated. 15 m (49.2')

PR-24 probes are supplied complete with micro-DIN mating connector with screw terminals for wire connection up to 0.34 mm<sup>2</sup>.

**Ordering Example:** PR-24-3-100-A-G1/4-6-150, Pt100 class A, 4-wire probe with G $\frac{1}{4}$  process thread and micro DIN connector, 6 mm diameter, 150 mm (5.9") long stainless steel sheath. CSW-14, copper sealing washer. EXTT-4CUI-24S-30M, RTD 4-core extension cable, 2 red, 2 white. 7 strands 0.03 mm<sup>2</sup> (0.0011") conductors, 30 m (98.42') reel.



## Part Number Builder

