

# Platinum RTD Probes



## Standard Dimension PR-13 Series Quick Disconnect Probes



A general purpose probe with electrical connections made via a standard size OTP 3-prong connector. Available in 1/16", 1/8", 3/16", or 1/4" diameters, with standard probe lengths from 6" to 24". Custom lengths available on request.

Type PR-13 Mating Female Connector sold separately.

Red lead attaches to this pin for Style 2.

Shown actual size.



Also Available with PFA Coating

### To Order

Model Number	Lead Style†	Ω at 0°C	Sheath Length**
PR-13-2-100-(*)-6-E	2	100	6"
PR-13-2-100-(*)-9-E	2	100	9"
PR-13-2-100-(*)-12-E	2	100	12"
PR-13-2-100-(*)-18-E	2	100	18"
PR-13-2-100-(*)-24-E	2	100	24"

\* Specify: 1/16, 1/8, 3/16 or 1/4 for probe diameter in inches.

\*\* Add additional cost per inch for lengths over 24" (1/16" diameter 24" max).

† 3-wire lead configuration standard, contact sales for other configurations.

RTD Probes cannot be bent in the field. OMEGA offers custom bending; consult our Sales Department.

Ordering Example: PR-13-2-100-1/4-6-E, quick disconnect PR-13 probe with style 2 wiring, 100 Ω @ 0°C, 1/4" diameter, 6" long, European curve (α = 0.00385).

- ✓ Includes a Precision 100 Ω, Class "A" DIN Platinum Wire Wound RTD Element
- ✓ Easily Connect to Your Meter or Measurement System via Our Standard 3-Prong OTP Connector and Extension Cords or Cables
- ✓ Variable Diameters and Lengths Available
- ✓ Temperature Range is -200 to 500°C (220°C Max at Connector)

## Metric Dimension PR-13 Series Quick Disconnect RTD Probes

A general purpose probe with electrical connections made via a standard size OTP 3-prong connector. Available from 1.5 to 6 mm diameters, with standard probe lengths from 150 to 600 mm. Other lengths available on request.

Model Number	Lead Style†	Ω at 0°C	Sheath Length**
PR-13-2-100-(*)-150-E	2	100	150 mm
PR-13-2-100-(*)-225-E	2	100	225 mm
PR-13-2-100-(*)-300-E	2	100	300 mm
PR-13-2-100-(*)-450-E	2	100	450 mm
PR-13-2-100-(*)-600-E	2	100	600 mm

\* Specify: M15 for 1.5 mm, M30 for 3 mm, M45 for 4.5 mm or M60 for 6 mm, for probe diameter in mm.

\*\* Add additional cost per 25 mm for lengths over 600 mm (1.5 mm diameter 600 mm max).

† 3-wire lead configuration standard; others available, contact sales for other configurations.

RTD Probes cannot be bent in the field. OMEGA offers custom bending; consult our Sales Department.

Ordering Example: PR-13-2-100-M60-150-E, quick disconnect PR-13 probe with style 2 wiring, 100 Ω @ 0°C, 6 mm diameter, 150 mm long, European curve (α = 0.00385).

**Options**

HH804U meter.

BRLK fitting.

RECU1-OTP-TAF extension coil cable.

**Standard PR-13 Series Accessories**

Model No.	Lead Style <sup>†</sup>	$\Omega$ At 0°C	Mating Connector Model No.	Cable Clamp Model No.
PR-13-2-100-(*)-6-E	2	100	OTP-U-F	PCLM
PR-13-2-100-(*)-9-E	2	100		
PR-13-2-100-(*)-12-E	2	100		
PR-13-2-100-(*)-18-E	2	100		
PR-13-2-100-(*)-24-E	2	100		

All Accessories Sold Separately.

<sup>†</sup> 3-wire lead configuration standard; others available, contact sales for other configurations.

**Metric PR-13 Series Accessories**

Model No.	Lead Style <sup>†</sup>	$\Omega$ At 0°C	Mating Connector Model No.	Cable Clamp Model No.
PR-13-2-100-(*)-150-E	2	100	OTP-U-F	PCLM
PR-13-2-100-(*)-225-E	2	100		
PR-13-2-100-(*)-300-E	2	100		
PR-13-2-100-(*)-450-E	2	100		
PR-13-2-100-(*)-600-E	2	100		

All Accessories Sold Separately.

<sup>†</sup> 3-wire lead configuration standard; others available, contact sales for other configurations.