

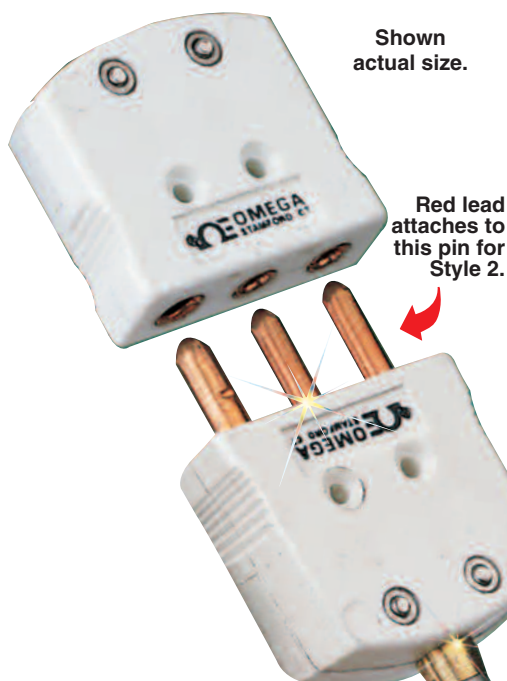
Platinum RTD Probes



Type PR-13 Mating Female Connector Included.

Standard Dimension PR-13 Series Quick Disconnect Probes

A general purpose probe with electrical connections made via a standard size OTP 3-prong connector. Each unit is supplied with mating 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.



Shown actual size.

Red lead attaches to this pin for Style 2.

Also Available with PFA Coating. See Page C-92

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model Number	Lead Style†	Ω at 0°C	Sheath Length**	1/4" OD Price	1/8 or 3/16" OD Price	1/16" OD Price
PR-13-2-100-(*)-6-E	2	100	6"	\$77	\$90	\$115
PR-13-2-100-(*)-9-E	2	100	9"	77	90	115
PR-13-2-100-(*)-12-E	2	100	12"	77	90	115
PR-13-2-100-(*)-18-E	2	100	18"	81	93	118
PR-13-2-100-(*)-24-E	2	100	24"	84	96	121

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

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

** Add \$1.00 per inch for lengths 25 to 72". Add \$7.00 per foot for lengths above 72" (1/8" dia 24" max).

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 type PR-13 probe with mating connector, style 2 wiring, 100 ohm @ 0°C, 1/4" diameter, 6" long, European curve ($\alpha = 0.00385$), \$77.

- ✓ 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. Each unit is supplied with mating connector. Available from 1.5 to 6 mm diameters, with standard probe lengths from 150 to 600 mm. Other lengths available on request.

To Order (Specify Model Number)

Model Number	Lead Style†	Ω at 0°C	Sheath Length**	6 mm OD Price	3 mm OD Price	1.5 mm OD Price
PR-13-2-100-(*)-150-E	2	100	150 mm	\$77	\$90	\$115
PR-13-2-100-(*)-225-E	2	100	225 mm	77	90	115
PR-13-2-100-(*)-300-E	2	100	300 mm	77	90	115
PR-13-2-100-(*)-450-E	2	100	450 mm	81	93	118
PR-13-2-100-(*)-600-E	2	100	600 mm	84	96	121

* 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.

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

** Add \$1.00 per 25 mm for lengths 625 mm to 18 m. Add \$7.00 per 300 mm for lengths above 18 m.

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

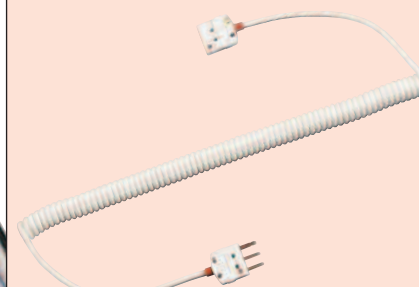
Ordering Example: PR-13-2-100-M60-150-E, quick disconnect type PR-13 probe with mating connector, style 2 wiring, 100 Ω @ 0°C, 6 mm diameter, 150 mm long, European curve ($\alpha = 0.00385$), \$77.

Options



HH804U meter, \$149, see page L-17.

BRK fitting, \$6, see page A-127.

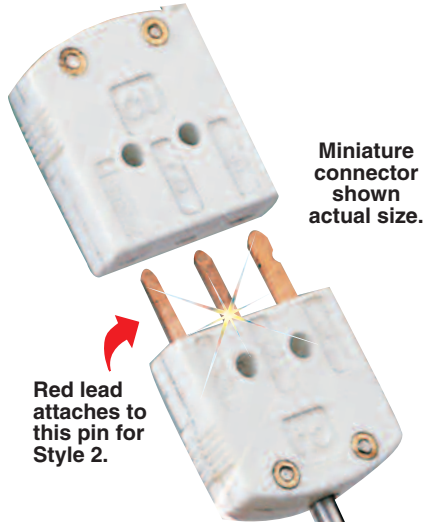


RECU1-OTP-TAF extension coil cable, \$18.50, see page C-77.

Platinum RTD Probes



Type PR-17 Mating Female Connector Included.



Also Available with PFA Coating. See Page C-92

Metric Dimension PR-17 Series Miniature Quick Disconnect Probes

General purpose probes with a 1.5 and 3 mm OD 304 SS sheath, in lengths from 150 to 600 mm. Each probe terminates with a MTP miniature 3-prong connector (mating connector included).

To Order (Specify Model Number)

Model Number	Lead Style†	Ω at 0°C	Sheath Length	3 mm OD Price	1.5 mm OD Price
PR-17-2-100-(*)-150-E	2	100	150 mm	\$90	\$115
PR-17-2-100-(*)-225-E	2	100	225 mm	90	115
PR-17-2-100-(*)-300-E	2	100	300 mm	90	115
PR-17-2-100-(*)-450-E	2	100	450 mm	93	118
PR-17-2-100-(*)-600-E	2	100	600 mm	96	121

* Specify "M15" for 15 mm or "M3" for 3 mm probe dimensions.

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

** Add \$1.00 per 25 mm for lengths 625 mm to 18 m. Add \$7.00 per 300 mm for lengths above 18 m.

Ordering Example: PR-17-2-100-M30-150-E, quick disconnect type PR-17 probe with miniature mating connector, style 2 wiring, 100 Ω @ 0°C, 3 mm diameter, 150 mm long, European curve (α = 0.00385), \$90.

Standard Dimension PR-17 Series Miniature Quick Disconnect Probes

General purpose probes with a 1/8 and 1/16" OD 304 SS sheath, in lengths from 6 to 24". Each probe terminates with a MTP miniature 3-prong connector (mating connector included).

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model Number	Lead Style†	Ω at 0°C	Sheath Length**	1/8" OD Price	1/16" OD Price
PR-17-2-100-(*)-6-E	2	100	6"	\$90	\$115
PR-17-2-100-(*)-9-E	2	100	9"	90	115
PR-17-2-100-(*)-12-E	2	100	12"	90	115
PR-17-2-100-(*)-18-E	2	100	18"	93	118
PR-17-2-100-(*)-24-E	2	100	24"	96	121

* Specify 1/8 or 1/16 for probe diameter in inches.

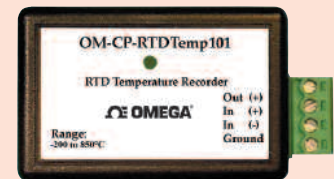
† 3-wire lead configuration standard, contact sales for other configurations.

** Add \$1.00 per inch for lengths 25 to 72". Add \$7.00 per foot for lengths above 72" (1/16" diameter 24" max).

Ordering Example: PR-17-2-100-1/8-6-E, quick disconnect type PR-17 probe with miniature mating connector, style 2 wiring, 100 Ω @ 0°C, 1/8" diameter, 6" long, European curve (α = 0.00385), \$90.

- ✓ Includes a Precision 100 Ω, Class "A" DIN Platinum Wire Wound RTD Element
- ✓ Easily Connect to Your Meter or Measurement System via Our Miniature 3-Prong MTP Connector and Extension Cords or Cables
- ✓ Available in 1.5 and 3 mm (1/16 and 1/8") Diameters
- ✓ Temperature Range is -200 to 500°C (220°C Max at Connector)

Options



OM-CP-RTDTEMP101 precision datalogger, \$199, visit omega.com/om-cp-rtdtemp101



SSLK fitting, \$11, see page A-127.



TECU10-MTP extension cable, \$15, see page C-77.

omega.com®

Your One-Stop Source for Process Measurement and Control!

One Omega Drive | Stamford, CT 06907 | 1-888-TC-OMEGA (1-888-826-6342) | info@omega.com

www.omega.com



UNITED STATES

www.omega.com

1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca

Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de

Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk

Manchester, England
0800-488-488

FRANCE

www.omega.fr

Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz

Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl

Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters

• [click here to go to the omega.com home page](http://www.omega.com) •