

General Purpose Industrial-Grade RTD Sensors (Class B) In Economical 3-Packs

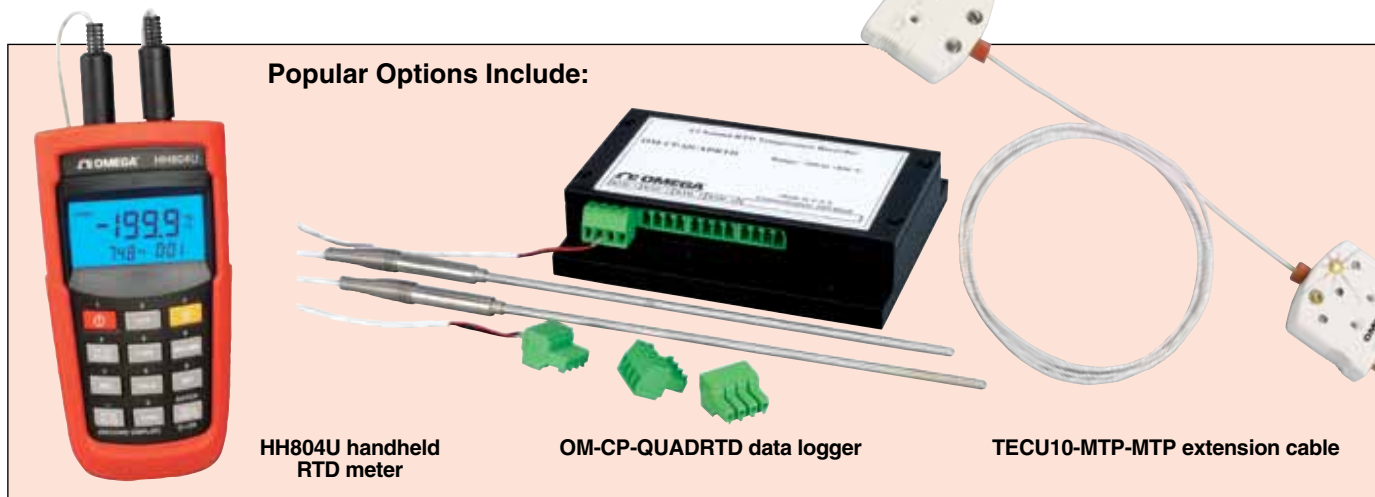
Omega Exclusive:
These Industrial Grade RTDs
are a Great Alternative When
Our High-Accuracy or Ultra-
Precise Sensors are More
Than You Need!



- ✓ Popular Sensor Styles Stocked for Immediate Delivery
- ✓ Industrial-Grade (Class "B", $\pm 0.12\%$) Accuracy
- ✓ Sold in Economical 3-Packs
- ✓ Same Rugged Sensor Construction as Our High-Accuracy Sensors—at a Lower Price

- ✓ Simple, Flexible Sensing Options for a Wide Variety of Measurement Applications
- ✓ Termination Options Available

Popular Options Include:



HH804U handheld
RTD meter

OM-CP-QUADRTD data logger

TECU10-MTP-MTP extension cable

Typical Applications

- ✓ Product Environmental and Performance Testing
- ✓ Climate Control/HVAC
- ✓ Thermal Protection of Electronic Products (Power Supplies, Electronic Racks, and Enclosures)
- ✓ Temperature Monitoring of Processes, Equipment, and Structures

Custom
Holes Available.
Consult Custom
Engineering.

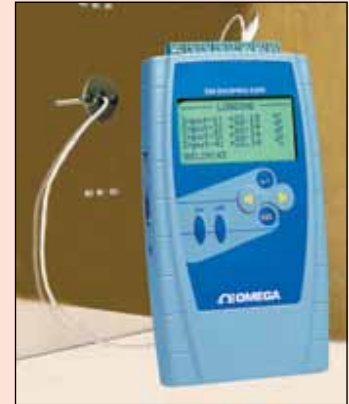


Perfect for tight spaces where temperature control is needed.



Typical epoxy mounting; see OMEGABOND® cements and epoxies

Typical bolt-mounted configuration could be used with OMEGATHERM® thermal paste.



Shown smaller than actual size with optional OM-DAQPRO-5300 handheld data logger.

To Order

Configuration	Model No.	Description	Temperature Range	Typical Applications
	RTD-805-B	Sensing element is installed into a stainless steel housing for direct contact with air and gas	-50 to 230°C (-60 to 445°F)	HVAC, Laboratory, Workplace or Other Air Temperature Applications
	RTD-806-B	Sensing element is installed into a plastic housing for direct contact with air and gas		
	RTD-809-B	Sensor is packaged in a round stainless steel housing and encapsulated with epoxy. An ideal design for cementing or applying to flat or pliable surfaces.	-50 to 230°C (-60 to 445°F)	Compressor Efficiency and Surface Temperature Measurements
	RTD-810-B (½ NPT thread)	Closed-ended stainless steel probe with ½ NPT or BSPT threaded fitting. This design is ideal for fluid measurements and use in pressurized systems.	-200 to 750°C (-328 to 1380°F)	Measurements in Liquids and Pressurized Systems
	RTD-810M-B (½ BSPT thread)			
	RTD-830-B	Aluminum housing is machined to accept a #4 screw for easy mounting on flat surfaces. Can also be easily cemented or applied to flat surfaces.	-50 to 230°C (-60 to 445°F)	Flat Surface Measurements Where a #4 Screw Can be Used for Installation
	RTD-850-B (#8-32 thread)	¼" stainless steel hex body includes a #8-32 or M4 thread for installation into tight places. Can be used in screw or bolt holes for measuring structure temperatures.	-50 to 230°C (-60 to 445°F)	Power Supplies, Electronic Equipment, Mechanical Structures
	RTD-850M-B (M4 thread)			
	RTD-860-B	Closed-ended stainless steel tube with a round mounting plate. Two holes are supplied for mounting. PFA-insulated lead wires.	-50 to 230°C (-60 to 445°F)	HVAC, Laboratory or Other Air Temperature Applications

Select Specifications: All sensors are provided with platinum elements with a resistance of $100.00 \pm 0.12 \Omega$ at 0°C , and a temperature coefficient (alpha) of $0.00385 \Omega/\Omega/^\circ\text{C}$. All sensors are supplied with 1 m (40") of 3-conductor, #26 AWG stranded nickel-plated copper, PFA-insulated, PFA-jacketed cable. Standard termination is stripped leads.

For heavy-duty connectors, add "-OTP" to model number, for additional cost. For miniature connectors, add "-MTP" to model number, for additional cost.

Ordering Examples: RTD-850-B (3-pack). RTD-860-B-OTP RTD-860-B sensor with OTP connectors installed on all 3 sensors, (3 pack).