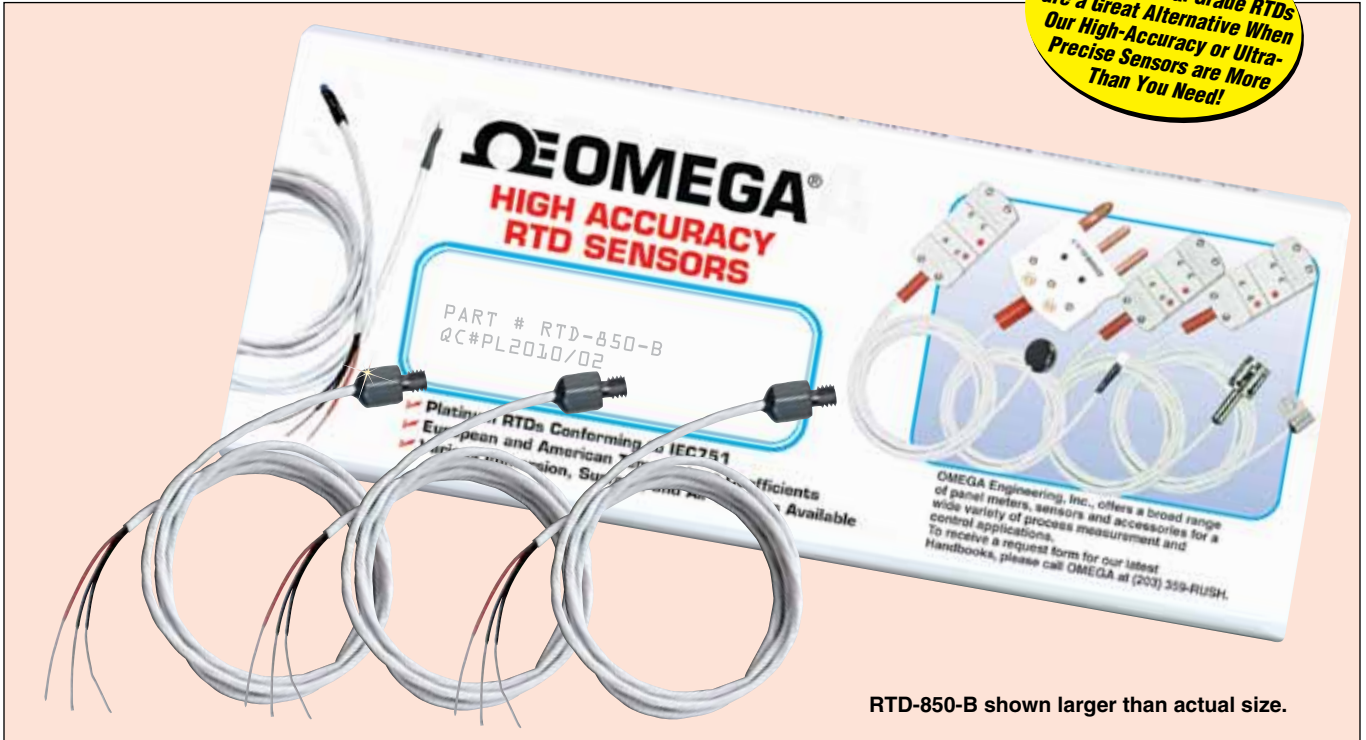


# General Purpose Industrial-Grade RTD Sensors (Class B) In Economical 3-Packs

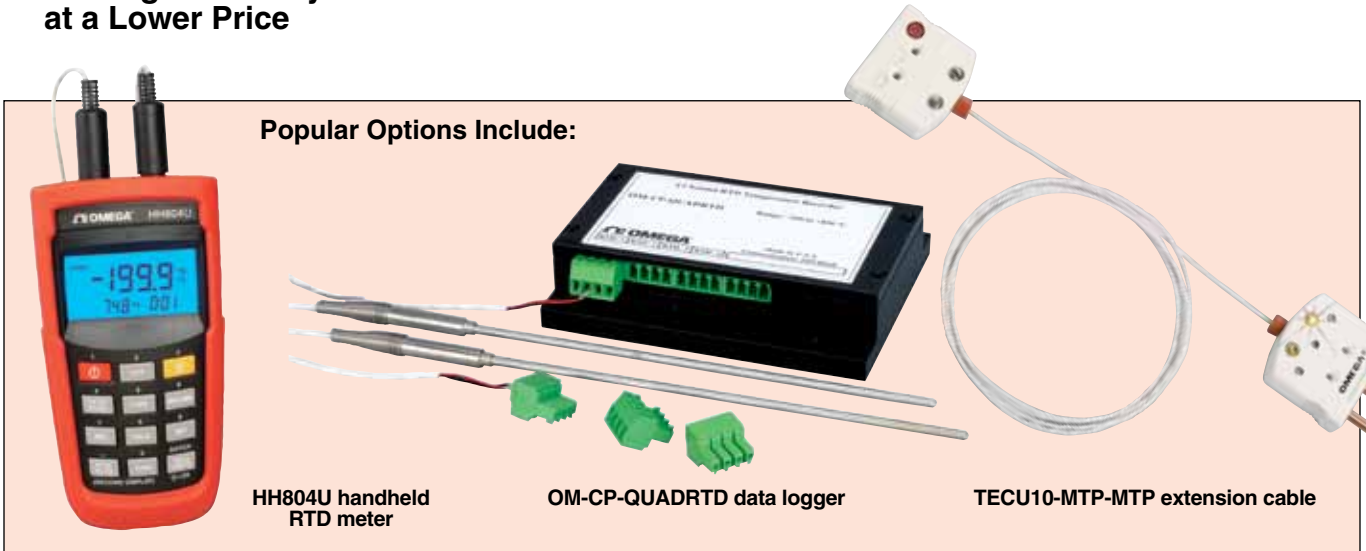
**Omega Exclusive:**  
These Industrial Grade RTDs  
are a Great Alternative When  
Our High-Accuracy or Ultra-  
Precise Sensors are More  
Than You Need!



RTD-850-B shown larger than actual size.

- ✓ 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

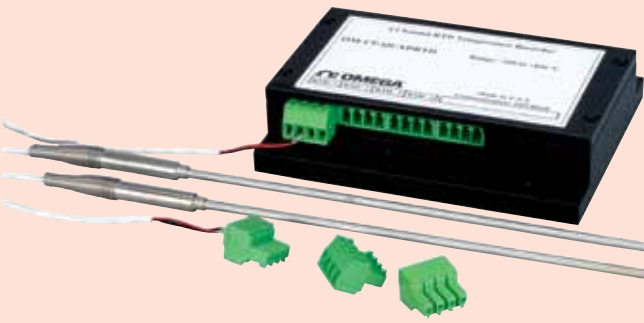
- ✓ Simple, Flexible Sensing Options for a Wide Variety of Measurement Applications
- ✓ Termination Options Available



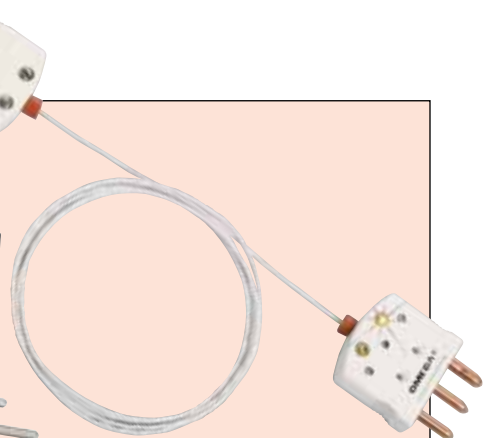
Popular Options Include:



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.

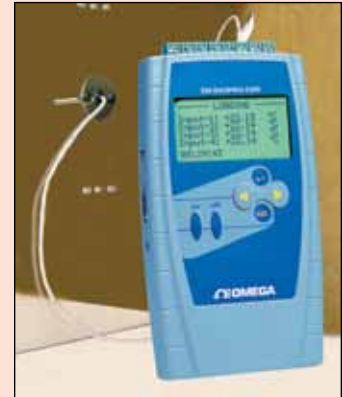


Perfect for tight spaces where temperature control is needed.



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
	<b>RTD-805-B</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
	<b>RTD-806-B</b>	Sensing element is installed into a plastic housing for direct contact with air and gas		
	<b>RTD-809-B</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
	<b>RTD-810-B</b> (1/8" NPT thread)	Closed-ended stainless steel probe with 1/8" 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
	<b>RTD-810M-B</b> (1/8" BSPT thread)			
	<b>RTD-830-B</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
	<b>RTD-850-B</b> (#8-32 thread)	1/4" 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
	<b>RTD-850M-B</b> (M4 thread)			
	<b>RTD-860-B</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 ± 0.12 Ω at 0°C, and a temperature coefficient (alpha) of 0.00385 Ω/Ω/°C. All sensors are supplied with 1 m (40") of 3-conductor, #26 AWG stranded nickel-plated copper, 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).

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [omega manufacturer](#):*

Other Similar products are found below :

[PX309-5KGI](#) [SMPW-J-M](#) [5SC-TT-T-36-36](#) [5SRTC-TT-K-30-72](#) [MJP2-12-T](#) [CASS-116U-12](#) [CHAL-002](#) [DH-1-20-J-12](#) [GG-J-24-SLE-1000](#)  
[HPC-AU-P](#) [HPC-IR-P](#) [KHSS-18G-RSC-12](#) [KMQIN-125U-6](#) [KMQXL-125G-12](#) [KMQXL-125U-6](#) [KQSS-18G-6](#) [KQXL-14U-36](#) [KQXL-18G-12](#) [NB3-CAXL-14U-18](#) [PX309-100AI](#) [PX309-100AV](#) [PX309-100GV](#) [PX319-V050G5V](#) [PX319-V100G5V](#) [PX319-002GI](#) [PX319-050GI](#) [PX319-100GV](#) [PX319-200AV](#) [PX319-200A5V](#) [PX319-300G5V](#) [PX319-500G5V](#) [PX319-7.5KGI](#) [PX319-7.5KG5V](#) [PX329-1KG5V](#) [PX329-10KGI](#) [PX329-2KGI](#) [PX409-015VUSBH](#) [PX409-015VV](#) [PX409-050A5V](#) [PX409-1.0KGUSBH](#) [PX409-10WVI](#) [PX409-100A5V](#) [PX409-5.0KG5V](#) [PX409-500GUSBH](#) [PX41T0-300GI](#) [PX419-250GI](#) [P10R-005](#) [SA1-RTD-4W-120](#) [SA1-T-72-SRTC](#) [SA1XL-K-SRTC](#)