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!

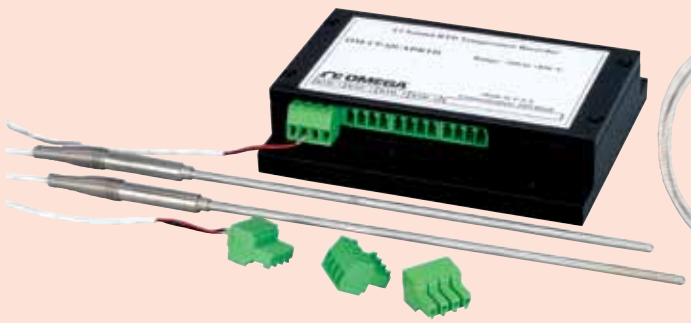
MADE IN USA

RTD-850-B shown larger than actual size.

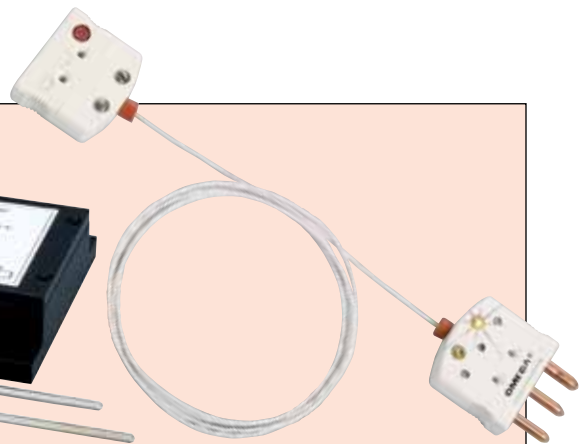
- Popular Sensor Styles Stocked for Immediate Delivery
- Industrial-Grade (Class "B", ±0.12%) Accuracy
- Sold in Economical 3-Packs
- Same Rugged Sensor Construction as Our High-Accuracy Sensors—at a Lower Price
- Simple, Flexible Sensing Options for a Wide Variety of Measurement Applications
- Termination Options Available

Popular Options Include:

HH804U, handheld
visit omega.com/hh804u



OM-CP-QUADRTD, data logger,
visit omega.com/om-cp-quadrtd



TECU10-MTP-MTP, extension cable,
visit omega.com/recu_gecu_tecu

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. Visit omega.com/om-daqpro-5300

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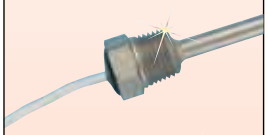
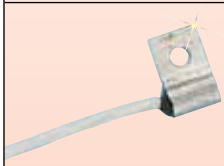
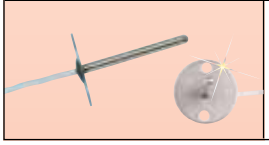
To Order *Visit omega.com/rtd-800_classb for Pricing and Details*

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** (⅛ NPT thread) **RTD-810M-B** (⅛ BSPT thread)	Closed-ended stainless steel probe with ⅛ 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-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) **RTD-850M-B** (M4 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-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 ±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-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).*

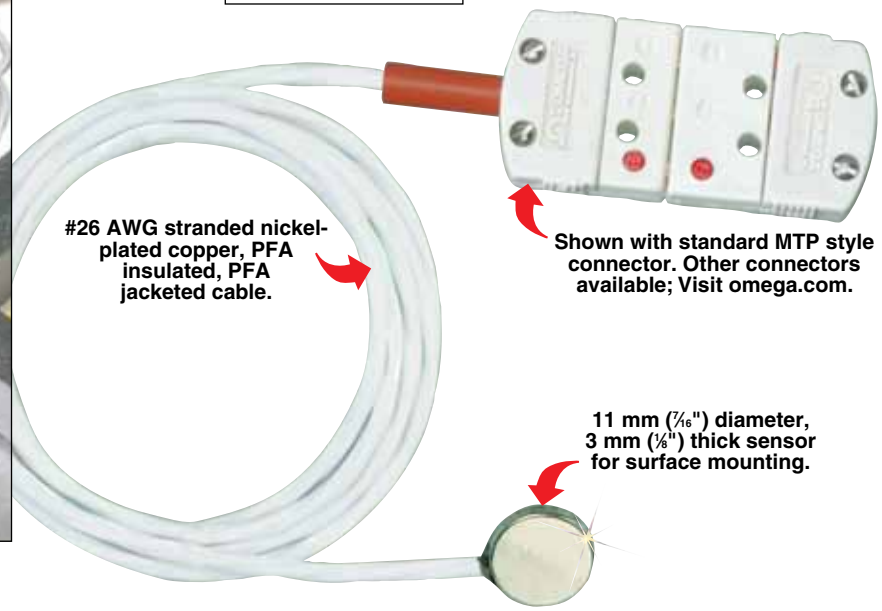
Encapsulated RTD Sensors

- Flat Disc Shape is Ideal for Surface Temperature Measurements
- Bonds to Surfaces for Measuring Heat Loss or Operating Temperatures
- High-Accuracy, 100 Ω, Class "A" DIN Platinum Element
- 3-Wire Construction for Connecting to Most Instruments

RTD-809 shown smaller than actual size.

RTD-809

MADE IN USA — ACCURACY IEC CLASS A (±0.15°C @ 0°C)



To Order *Visit omega.com/rtd-809 for Pricing and Details*

Model Number	Sensing Element	Cable	Max Temperature
RTD-809	100 Ω Class "A" DIN	1 m (40") PFA Insulated	230°C (450°F)

Terminations Available: *Provided with a miniature connector standard. For heavy-duty connector add* ***"-OTP"*** *to model number, for additional cost. to price. For audio connector add* ***"-TA3F"*** *to model number, for additional cost.*

Ordering Example: RTD-809-TA3F*, 100 Ω class "A" DIN with audio connector.*

Popular Options Include:

DP25B-RTD process meter/ controller, Visit omega.com/dp25b_rtd.

TX86 transmitter with built-in indicator, Visit omega.com/tx86

OM-DAQPRO-5300 handheld data logger, Visit omega.com/om-daqpro-5300

OM-CP-QUADRTD 4-channel data logger, visit omega.com/om-cp-quadrtd

How are OMEGA's Model Numbers Constructed?

Termination Options: (Blank) = Miniature Connector (Standard)
OTP = Heavy-Duty Connector LUG = Copper Lugs
TA3F = Audio Connector SPRTX = Transmitter

Class "B" also available in economical 3-packs.

RTD — 809 — OTP