

Surface Mount RTD Sensor

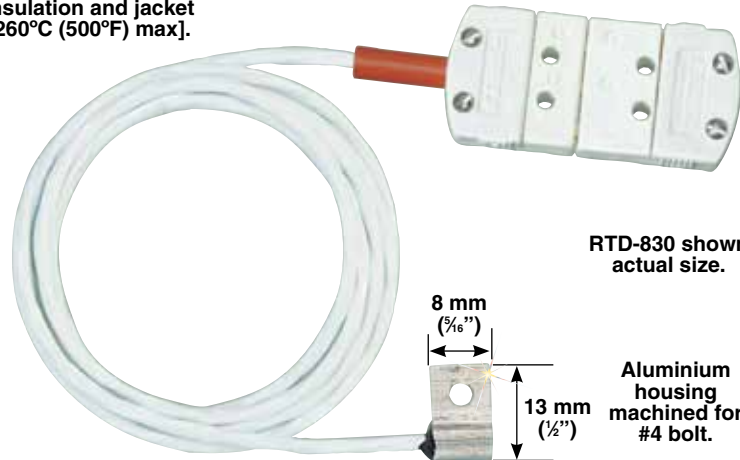


- ✓ Aluminium Housing for Fast Response Time
- ✓ Small Size Can be Installed on Most Flat Surfaces
- ✓ High-Accuracy, 100 Ω, Class "A" DIN Platinum Element
- ✓ 3-Wire Construction for Connecting to Most Handheld Instruments
- ✓ Custom Holes Available; Contact Our Custom Engineering Department

#26 AWG stranded copper wire with PFA insulation and jacket [260°C (500°F) max].

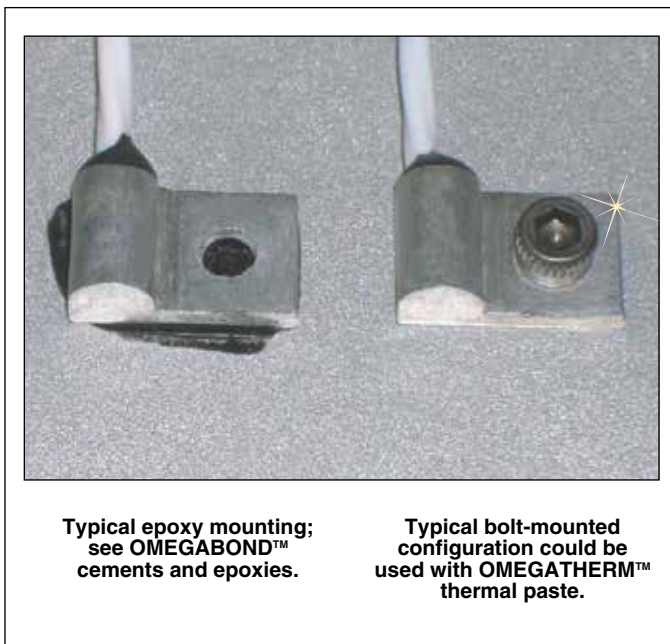
Comes standard with MTP Male connector, mating connector sold separately. Other connectors available.

Images are for reference only.



RTD-830 shown actual size.

Aluminium housing machined for #4 bolt.



Typical epoxy mounting; see OMEGABOND™ cements and epoxies.

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



Options

OT-201-1/2 high conductive paste.

OMEGABOND™ epoxies.

How are OMEGA's Model Numbers Constructed?

Termination Options: (Blank) = Miniature Connector (Standard)
 OTP = Heavy-Duty Connector
 TA3F = Audio Connector

LUG = Copper Lugs
 SPRTX = Transmitter

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

RTD — 830 — **OTP**

Mating connector sold separately MTP-U-F mating connector for standard termination, OTP-U-F mating connector for heavy-duty connector.

Ordering Example: RTD-830-OTP.

To Order			
Model No.	Sensing Element	Cable	Max Temperature
RTD-830	100 Ω Class "A" DIN	1 m (40") PFA insulated with MTP connector	230°C (450°F)
RTD-830-OTP	100 Ω Class "A" DIN	1 m (40") PFA insulated with OTP connector	230°C (450°F)
RTD-830-TA3F	100 Ω Class "A" DIN	1 m (40") PFA insulated with TA3F connector	230°C (450°F)

Terminations Available: Provided with a miniature connector standard, 100 Ω Class "A" DIN, 1 m (40") Long PFA Insulated with TA3F Connector for an additional cost. For audio connector add "-TA3F" to model number for an additional cost.

Ordering Examples: RTD-830-SPRTX(M1), 100 Ω class "A" DIN with 4 to 20 mA transmitter.

RTD-830-TA3F, 100 Ω class "A" with audio connector.

To Order				
Model No.	Sensing Element	Maximum Temperature	Mating Connector Model No.	Cable Clamp Model No.
RTD-830	100 Ω Class "A" DIN	230°C (450°F)	MTP-U-F	PCLM-MTP
RTD-830- OTP	100 Ω Class "A" DIN	230°C (450°F)	OTP-U-F	PCLM

All accessories sold seperately.