RTD Sensors—Fast Response **Exposed RTD Element with Lead Wires**

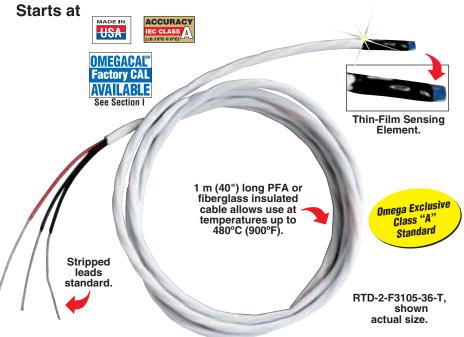
✓ Thermal Response (63%) Less Than 75 Milliseconds in Water Flowing at 3 Feet per Second

High-Accuracy Class "A", 100 Ω DIN Platinum **Elements Standard**

Ultra Precise Accuracy 1/3 and 1/4 DIN, and **Economical Class "B"** Also Available*

Operating Range Up to 480°C (900°F) Available

✓ 1 m (40") Long 2-, 3-, or 4-Wire #26 AWG Cables for Connecting to Most Handheld Instruments



MOST POPULAR MODELS HIGHLIGHTED!

				OI I OI OEAII II			
To Order (Specify Model Number)							
Model Number	Element	Lead Wire	Potting Material	Maximum Temperature			
					_		
							-
						_	-
RTD-2-F3105-36-T, shown actual	size						
RTD-(*)-F3105-36-T	F3105 (2 x 2 mm)	PFA	Ероху	230°C (450°F)			
RTD-(*)-F3102-36-T	F3102 (4 x 5 mm)	PFA	Ероху	230°C (450°F)			
The same of the sa					\leq	_	
RTD-2-F3102-36-G provides large	er measuring area (2x) tha	an the F3105 (sh	own larger th	an actual size)			
RTD-(*)-F3105-36-G	F3105 (2 x 2 mm)	Fiberglass	Ceramic	480°C (900°F)			
RTD-(*)-F3102-36-G	F3102 (4 x 5 mm)	Fiberglass	Ceramic	480°C (900°F)			
RTD-2-1PT100K2515-36-T, shown	larger than actual size						
RTD-(*)-1PT100K2515-36-T	1PT100K2515	PFA	Ероху	230°C (450°F)			
RTD-(*)-1PT100KN2528-36-T	1PT100KN2528	PFA	Ероху	230°C (450°F)			

^{* 1/4}B and 1/4B DIN accuracies only available with wire wound elements and 4-wire configurations.

Note: For longer leads, change "-36" in model number to length desired and add /ft (styles 2 and 3) or /ft (style 1). Other RTD elements are also available with lead wires attached; consult Sales. Accuracies of ½ and ½ DIN are only available in 1PT100K2515 and 1PT100KN2528 wire-wound elements and require 4-wire construction. For ½ DIN, add ; for ½ DIN, add ; for ½ DIN, add Terminations available: For "-LUG" add , for "-OTP" and "-MTP" connectors add for use to 600°C (1112°F), replace "-T" or "-G" with "-B" in model number. To order sensors with bare wires and connections

Ordering Examples: RTD-3-1PT100K2515-36-T-1/3, 1PT100K2515 ½ DIN accuracy element with 1 m (40") of 4-conductor PFA insulated cable attached (epoxy potted), . RTD-3-F3102-72-G, F3102 class "A" element with 2 m (72") of 4-conductor fiberglass-insulated cable attached (ceramic potting),

- ✓ Class "B"* Accuracy Available for High Volume, Lower Cost Applications. Also Available in Economical 5-Packs (See page C-30)
- Model Numbers Shown Available from Stock
- Choose from a Large Selection of Elements, Terminations, and Optional Equipment

Available Accuracies in Ohms @ 0°C

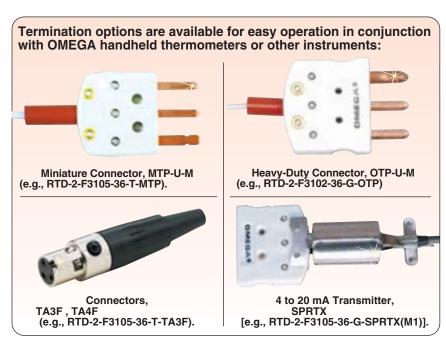
 \checkmark Class "A" = ±0.06 Ω (standard)

V ½ DIN = ±0.04 Ω*

 \checkmark Class "B" = ±0.12 Ω

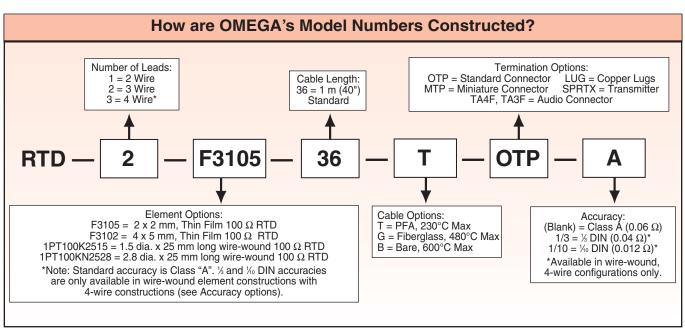
V % DIN = ±0.012 Ω*

*Note: ½ and ½ DIN available only with 1PT100K2515 and 1PT100KN2528 wire-wound elements in 4-wire configurations. See accuracy formulas on page C-84 or C-9 for additional information.





Need a different resistance, temperature coefficient, cable length, cable type? Use the Model Number Builder below to go beyond our stock product offering to construct the sensor that meets your specific needs. You can also visit our online store at **omega.com**, select "Order by Model Number," and simply enter the model number and length modifications to automatically obtain price and availability.



Ordering Example: RTD-2-F3105-36-G,

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