



New Artisan™ Low-Cost RTD Probes

These new low-cost RTD probes are designed to provide fast, accurate temperature measurement for a wide range of applications. The color-coded coiled cables have a molded mini-connector that meets the ANSI thermocouple standards.

Monitor the temperature for perishable food, laboratory products, HVAC setups and many other products to ensure top quality. Select from grounded probes for faster response, ungrounded probes for electrical isolation.

Glass-filled nylon handles measure 1.25" (32mm) L x 0.75" (19mm) diameter. Include 5-ft coiled PVC cable with spring strain relief.

To use, simply plug the RTD probe into the proper connector on your meter.



TR001.001 RTD probe (top) with 3-pin Round DIN (left) connector and 3-pin ANSI connector (right).

SPECIAL FEATURES

- Special application designs*
- Color-coded coiled cable and molded plug*
- Low-cost, high-accuracy design*
- Extension cables for longer lengths*

Surface, Air, Penetration and General-Purpose designs

APPLICATIONS

- HVAC setups*
- Food Preparation*
- Laboratory Research*
- Preventive maintenance*

**Custom designs are available.
Please contact us for special design requests.**

TR001 Low Cost General Purpose Probe Ordering Information

Ideal for use with liquids, gases and semisolids. Probe is 4.5"(114mm) L x 0.155"(3.9mm) dia.

<u>Part No.</u>	<u>Connector</u>	<u>Temperature Range</u>
TR001.001	3-Pin ANSI	-50 to 500°C (-58 to 932°F)
TR001.101	3-Pin DIN	-50 to 500°C (-58 to 932°F)
Junction:	grounded	
Time Constant:	8 seconds (liquids)	
Response Time:	40 sec (liquids)	
Materials:	304 SS Sheath, Nylon handle, PVC cable	



TR001 RTD Probes

TR001 Low Cost Teflon-Coated Probe Ordering Information

Ideal for use with corrosive liquids. Probe element is 4.5"(114mm) L x 0.155"(3.9mm) dia.

<u>Part No.</u>	<u>Connector</u>	<u>Temperature Range</u>
TR001.002	3-Pin ANSI	-50 to 260°C (-58 to 500°F)
TR001.102	3-Pin DIN	-50 to 260°C (-58 to 500°F)
Junction:	grounded	
Time Constant:	11 sec (liquids)	
Response Time:	55 sec (liquids)	
Materials:	304 SS Sheath, Nylon handle, PVC cable	



TR001 Low Cost Air/Gas Probe Ordering Information

Ideal for use with liquids, gases and semisolids. Probe is 4.5"(114mm) L x 0.125"(3.2mm) dia.; tip is 5"(127mm) x 3/16"(4.8mm).

<u>Part No.</u>	<u>Connector</u>	<u>Temperature Range</u>
TR001.003	3-Pin ANSI	-50 to 500°C (-58 to 932°F)
TR001.103	3-Pin DIN	-50 to 500°C (-58 to 932°F)
Junction:	exposed; isolated	
Time Constant:	45 sec @ 5m/s airflow	
Response Time:	225 sec @ 5m/s airflow	
Materials:	304 SS Sheath & coil, Nylon handle, PVC cable	



TR001 Low Cost Surface Probe Ordering Information

Ideal for use a wide range of flat surfaces. Probe is 5.39"(137mm) L x 0.63"(16mm) dia.

<u>Part No.</u>	<u>Connector</u>	<u>Temperature Range</u>
TR001.004	3-Pin ANSI	-50 to 500°C (-58 to 932°F)
TR001.104	3-Pin DIN	-50 to 500°C (-58 to 932°F)
Junction:	exposed	
Time Constant:	24 seconds (surface)	
Response Time:	120 sec (surface)	
Materials:	Al hsg, Ceramic support, PVC cable	



TR001 Low Cost Penetration Probe Ordering Information

Ideal for use with soft or semisoft materials. Probe is 2.5"(64mm) L x 0.125"(3.2mm) dia.

<u>Part No.</u>	<u>Connector</u>	<u>Temperature Range</u>
TR001.005	3-Pin ANSI	-50 to 500°C (-58 to 932°F)
TR001.105	3-Pin DIN	-50 to 500°C (-58 to 932°F)
Junction:	grounded	
Time Constant:	8 seconds (liquids)	
Response Time:	40 sec (liquids)	
Materials:	304 SS Sheath, Nylon handle, PVC cable	



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