

# Specialty Thermocouple Probes with Miniconnector End

Catalog No.	Type	Temperature range°F (°C)	Description
<b>G. Heavy-duty probes, 12" L.</b> Include a 5-ft coiled cable.			
TS-93766-03	J	-310 to 1400 (-190 to 760)	Junction: grounded
TS-93766-23	K	-418 to 1650 (-250 to 899)	Response time: 15 sec
TS-93766-63	T	-418 to 752 (-250 to 400)	316 SS sheath; miniconnector Glass-filled nylon handle
<b>G. Heavy-duty probes, 24" L.</b> Include 5-ft coiled cable.			
TS-93766-04	J	-310 to 1400 (-190 to 760)	Junction: grounded
TS-93766-24	K	-418 to 1650 (-250 to 899)	Response time: 15 sec
TS-93766-44	T	-418 to 752 (-250 to 400)	316 SS sheath; miniconnector; Glass-filled nylon handle
<b>G. Heavy-duty probes, 36" L.</b> Include 5-ft coiled cable.			
TS-93766-06	J	-310 to 1400 (-190 to 760)	Junction: grounded
TS-93766-26	K	-418 to 1650 (-250 to 899)	Response time: 15 sec
TS-93766-46	T	-418 to 752 (-250 to 400)	316 SS sheath; miniconnector; Glass-filled nylon handle
<b>H. Heavy-duty industrial probes, 36" L,</b> MgO-insulated Inconel 600 sheath; for industrial furnaces—use with tongs or insulated gloves. 304 SS transition joint and 3-ft 304 SS-armored cable.			
TS-08527-80	J	-310 to 1400 (-190 to 760)	Junction: grounded
TS-08526-80	K	-418 to 1700 (-250 to 927)	Response time: 15 sec (solids)
TS-08510-80	T	-418 to 752 (-250 to 400)	Inconel® 600 sheath; miniconnector
<b>I. Type R and type S probes, 12" L.</b> Include SS transition joint and 3-ft straight PVC-insulated cable.			
TS-93848-12	R	600 to 2100 (316 to 1149); Intermittent use to 2500	Junction: ungrounded
TS-93849-12	S	(1371)	Response time: 50 sec 310 SS sheath; miniconnector
<b>J. Pipe-fitting probes, 12" immersion depth.</b> Use for pressurized chambers and pipelines—adjust immersion depth using compression fitting. Withstand pressures to 2000 psi at 1000°F (538°C). Include 6-ft straight fiberglass/fiberglass-insulated, 24-gauge cable and 1/8" NPT(M) 316 stainless steel compression fitting.			
TS-08527-70	J	-310 to 1600 (-190 to 871)	Junction: grounded
TS-08526-70	K	-418 to 2012 (-250 to 1100)	Response time: 45 sec (liquids)
TS-08510-70	T	-418 to 750 (-250 to 399)	Inconel 600 sheath; miniconnector
<b>K. Pipe-fitting probes, 4" immersion depth.</b> Use for pressurized chambers and pipelines—adjust immersion depth using compression fitting. Withstand pressures to 2000 psi at 1000°F (538°C). Include 6-ft straight fiberglass-insulated, 24-gauge cable and 1/8" NPT(M) 316 stainless steel compression fitting.			
TS-08527-71	J	-310 to 1600 (-190 to 871)	Junction: grounded
TS-08526-71	K	-418 to 2012 (-250 to 1100)	Response time: 45 sec (liquids)
TS-08510-71	T	-418 to 750 (-250 to 399)	Inconel 600 sheath; miniconnector
<b>L. Pipe-plug probes—1/4" NPT(M).</b> Use wherever space is limited; sheath extends 0.5" past the end of the pipe plug for fast response. Withstand pressures to 2000 psi at ambient temperatures. Include 5-ft straight fiberglass-insulated, 24-gauge cable.			
TS-08527-74	J	-310 to 900 (-190 to 482)	Junction: grounded
TS-08526-74	K	-418 to 900 (-250 to 482)	Response time: 30 sec
TS-08510-74	T	-418 to 700 (-250 to 371)	316 SS sheath; miniconnector
<b>M. Pipe-plug probes—1/4" NPT(M).</b> Use where space is limited. Pressures to 100 psi at ambient temperatures. Epoxy-potted junction. Include 5-ft straight fiberglass-insulated, 24-gauge cable.			
TS-08527-73	J	-310 to 221 (-190 to 105)	Junction: ungrounded
TS-08526-73	K	-418 to 221 (-250 to 105)	Response time: 50 sec
TS-08510-73	T	-418 to 221 (-250 to 105)	miniconnector
<b>N. Flow-through probes.</b> Connect to 1/4" OD tubing systems. Use with clean fluids at flow rates up to 50 liters per minute; withstand pressure to 250 psi. Includes brass union tee.			
TS-93845-02	K	-418 to 500 (-250 to 260)	Junction: grounded
			Response time: 10 sec 316 SS sheath; miniconnector
<b>Accessories</b>			
TS-17011-10	NIST-traceable calibration with data		

†Type J and K probes have Inconel sheaths; type T probes have 316 SS sheaths.

