Rugged Pipe Plug Thermocouple Probe

Spring strain relief prevents "pinching TC-(*)-NPT Series of the wire. TC-K-NPT-U-72, pipe plug probe with ungrounded SPECIAL LIMITS (SLE) junction, stripped wire leads and stainless steel overbraid, shown actual size. Rugged 304 SS Design with Strain Relief Spring Single and Dual Elements Comes standard ✓ ¼ or ½ NPT with stripped leads. 2 m (80") Stainless Steel TC-K-1/8NPT-U-72-DUAL, dual pipe plug probe with ungrounded junction, stripped wire leads and stainless steel overbraid, shown actual size. Dual element thermocouple. 1/4 NPT Single element thermocouple % NPT Dual element thermocouple 60 (2.5) (2.38)(0.75)13 (0.56) 13 9.6 Dia. (0.5) 9.6 Dia. (0.5) (0.38) (0.38)6.4 3.2 Stainless Steel (0.25)Stainless Steel (0.125)14 HEX Strain Relief 11 HEX Strain Relief 1/4 NPT 1/8 NPT (0.56)Sprina Spring (0.43)THREAD THREAD Dimensions: mm (inch)

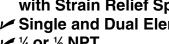
Single element thermocouple.

To Order	
Mounting Thread	Model No.
1⁄4	TC-(*)-NPT-(**)-72
	TC-(*)-1/4 NPT-(**)-72-DUAL
	TC-(*)-1/4 NPT-(**)-72-SMP-DUAL
	TC-(*)-1/4 NPT-(**)-72-SMP-DUAL
1⁄8	TC-(*)-1/8 NPT-(**)-72
	TC-(*)-1/8 NPT-(**)-72-DUAL
	TC-(*)-1/8 NPT-(**)-72-SMP
	TC-(*)-1/8 NPT-(**)-72-SMP-DUAL

* Specify calibration: J, K, T or E.
** Specify junction type: G (Grounded), E (Exposed), U (Ungrounded).

For lead wire length over 2 m (80"), use additional price per 300 mm (12") increments and modify model number.

Ordering Example: TC-K-NPT-G-72, pipe plug style, Type K grounded junction thermocouple with ¼ NPT thread and 72" long extension leads.



- Mounting Thread
- **Braid Over Fiberglass** Lead Wire
- ✓ 20 AWG, Stranded for ¼ NPT 24 AWG, Stranded for ¼ NPT Stainless Steel **Overbraid**-Resists Abrasions and Cuts. Yet Remains Flexible
- Withstands Pressures to 2500 psi at Ambient Temperatures
- Grounded and Ungrounded Junction Is Ideal For Vessel **Application**, **Pressurized Chambers and Pipelines**
- Exposed Junction Designed For Air Temperature Measurement and Monitoring of Gas Streams
- Stripped Leads Standard SMPW Connectors, Optional
- Choice J, K, T or E Thermocouple Types
- Grounded, Ungrounded or Exposed Junctions
- Special Custom Designs Having Different NPT Threads, Tip Diameters or Tip Lengths are Also Available
- ✓ Flush Tip Available, Consult Custom Engineering
- Probe Temperature Range to 650°C (1200°F)
- Transition Joint/Cable **Temperature Range to** 480°C (900°F)