

Rugged Pipe Plug Thermocouple Probe

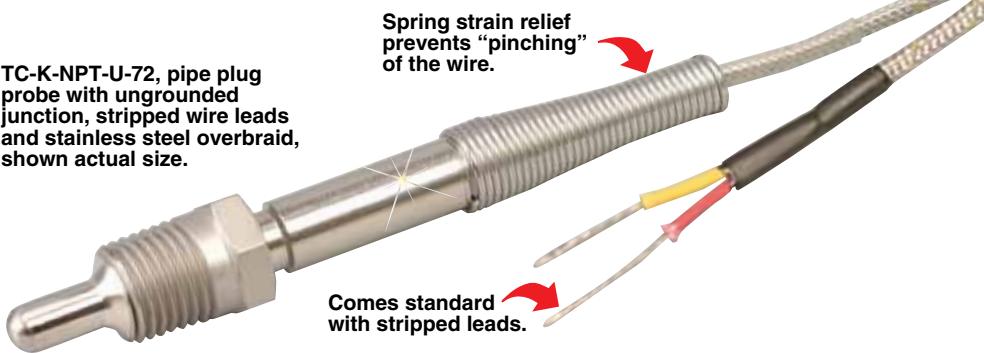
OMEGA

TC-(*)-NPT Series



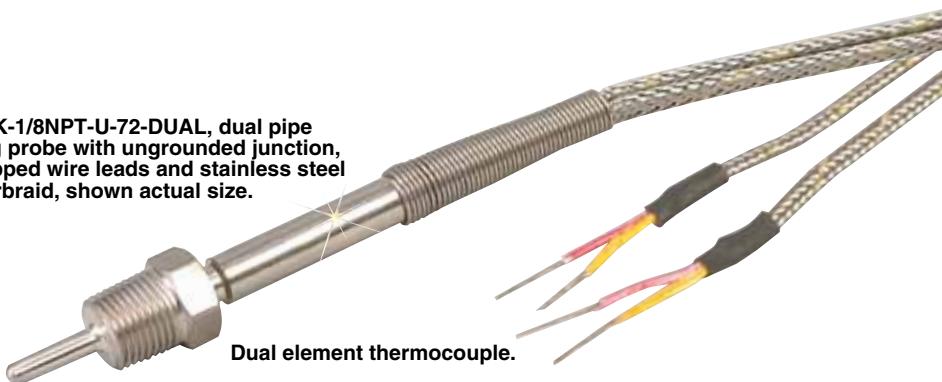
- ✓ Rugged 304 SS Design with Strain Relief Spring
- ✓ Single and Dual Elements
- ✓ $\frac{1}{4}$ or $\frac{1}{8}$ NPT Mounting Thread
- ✓ 2 m (80") Stainless Steel Braid Over Fiberglass Lead Wire
- ✓ 20 AWG, Stranded for $\frac{1}{4}$ NPT 24 AWG, Stranded for $\frac{1}{8}$ NPT Stainless Steel Overbraid—Resists 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)

TC-K-NPT-U-72, pipe plug probe with ungrounded junction, stripped wire leads and stainless steel overbraid, shown actual size.

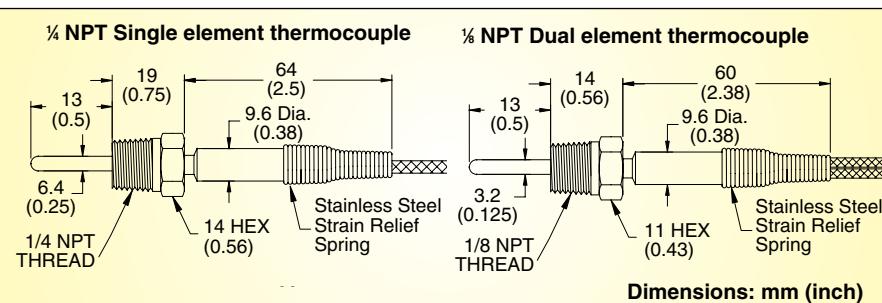


Single element thermocouple.

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.



To Order

Mounting Thread	Model No.
$\frac{1}{4}$	TC-(*)-NPT-(**)-72
	TC-(*)-1/4 NPT-(**)-72-DUAL
	TC-(*)-1/4 NPT-(**)-72-SMP-DUAL
	TC-(*)-1/4 NPT-(**)-72-SMP-DUAL
$\frac{1}{8}$	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 $\frac{1}{4}$ NPT thread and 72" long extension leads.