

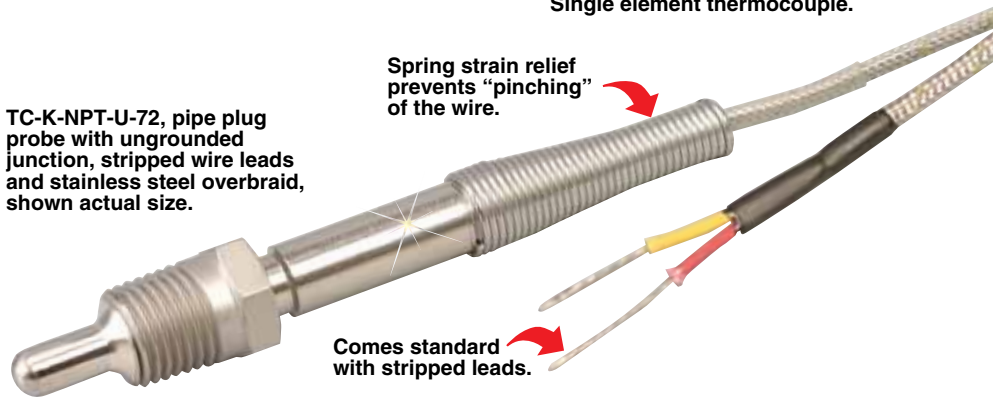
# Rugged Pipe Plug Thermocouple Probe

## TC-(\*)-NPT Series

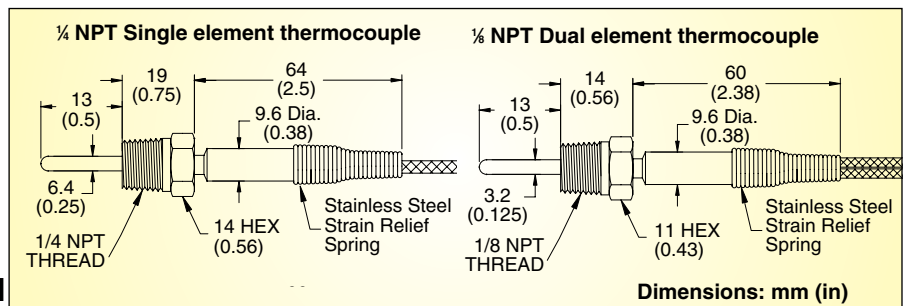
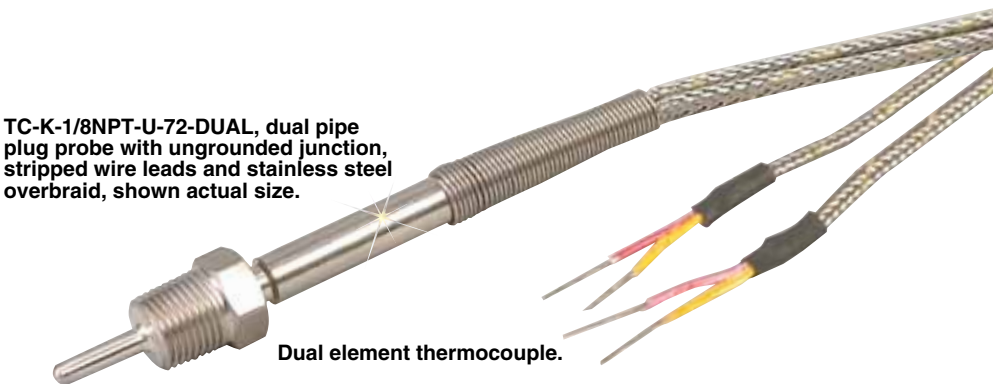


- ✓ Rugged 304 SS Design with Strain Relief Spring
- ✓ Single and Dual Elements
- ✓ ¼ or ⅛ NPT Mounting Thread
- ✓ 2 m (80") Stainless Steel Braid Over Fiberglass Lead Wire
- ✓ 20 AWG, Stranded for ¼ NPT 24 AWG, Stranded for ⅛ NPT Stainless Steel Overbraid—Resists Abrasions and Cuts, Yet Remains Flexible
- ✓ 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.



TC-K-1/8NPT-U-72-DUAL, dual pipe plug probe with ungrounded junction, stripped wire leads and stainless steel overbraid, shown actual size.



**To Order Visit [omega.com/tc-npt](http://omega.com/tc-npt) for Pricing and Details**

Mounting Thread	Model No.
¼	TC-(*)-NPT-(**)-72
	TC-(*)-1/4 NPT-(**)-72-DUAL
	TC-(*)-1/4 NPT-(**)-72-SMP
	TC-(*)-1/4 NPT-(**)-72-SMP-DUAL
⅛	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.