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)

To Order

<table>
<thead>
<tr>
<th>Mounting Thread</th>
<th>Model No.</th>
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<tr>
<td>¼</td>
<td>TC-(*)-NPT-(**) -72</td>
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<tr>
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<td>TC-(*)-1/4 NPT-(**) -72-DUAL</td>
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<td>TC-(*)-1/4 NPT-(**) -72-SMP-DUAL</td>
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<tr>
<td>⅛</td>
<td>TC-(*)-1/8 NPT-(**) -72</td>
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</tbody>
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* 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.