### TC5-PT Bayonet Thermocouple

**Model Code**

<table>
<thead>
<tr>
<th>TC5</th>
<th>Bayonet Thermocouple</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1 - T8</td>
<td></td>
</tr>
</tbody>
</table>

**T1** Sensor Style
- PT Straight sensor probe

**T2** Sensor Probe Diameter
- 18" 0.125" (1/8"")
- 36" 0.188" (3/16"")
- 14" 0.250" (1/4"")

**T3** Sensor Probe “L” Length (inches)
- "inches" Specify length in inches

**T4** Thermocouple Type
- K Type K
- J Type J
- T Type T
- E Type E
- Other Consult factory

**T5** Thermocouple Junction
- G Grounded
- U Undergrounded
- 2G Dual grounded
- 2U Dual undergrounded
- E Exposed

**T6** Lead Wire “A” Length (inches)
- "inches" Specify length in inches

**T7** Lead Wire Type
- FB Fiberglass (482°C)
- SF Fiberglass with SS over braid (482°C)
- AF Flex armor over fiberglass (482°C)
- TE Teflon (260°C)
- ST Teflon with SS over braid (260°C)
- AT Flex armor over Teflon (260°C)
- PT Poly jacketed flex armor over Teflon (102°C)
- Other Consult factory

**T8** Lead Wire Termination
- BE Bare ended lead wire
- SC Standard male connector (205°C)
- MC Miniature male connector (205°C)
- HC High temp standard male connector (425°C)
- MH High temp miniature male connector (425°C)
- SL Spade lugs (thermocouple alloy if available)
- CG 1/2" NPT cord grip electrical fitting

### Outline & Dimensions

![Diagram of the sensor probe with dimensions](image)

**NOTES:**
1. Part number example: TC5-PT-36-6.25-K-U-24-AF-BE
2. When ordering sensor probes for known hole depths: Probe L Length = Hole Depth + Adapter Length + 0.5"
3. Adapter part information on page B-13
4. Sensor sheath material is 316/316L stainless steel for all styles
5. Temperature values given are for maximum continuous rating for the specific component of the configuration
6. Bold text indicates most common part selections