TC5-PT45 Bayonet Thermocouple

Model Code

TC5 - T1 - T2 - T3 - T4 - T5 - T6 - T7 - T8

TC5	Bayonet Thermocouple

T1	Sensor Style
PT45	45° 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

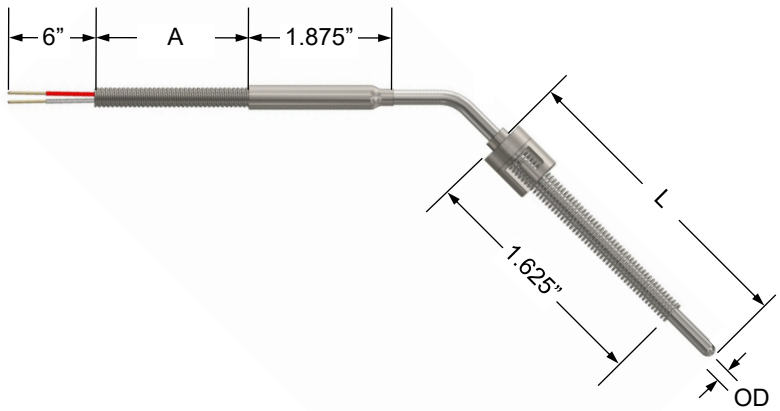
T5	Thermocouple Junction
G	Grounded
U	**Undergrounded**
2G	Dual grounded
2U	Dual undergrounded
E	Exposed

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

T7	Lead Wire Type[5]
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[5]
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



NOTES:
1. Part number example: TC5-PT45-36-8-K-U-24-AF-BE
2. When ordering sensor probes for known hole depths: Probe L Length = Hole Depth + Adapter Length + 0.5”
3. Reference Bayonet Adapters for Adapter part information
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

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