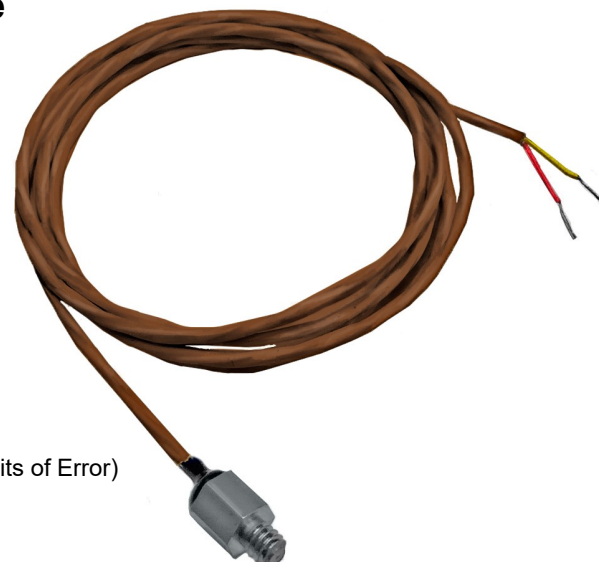


# Miniature Surface Mount Threaded Stud Thermocouple

## #8-32 Male Threaded Fitting Surface Thermocouple

- Type E, J, K, or T thermocouple
  - Stainless steel hex fitting for durability
  - Made in the USA
  - Teflon™ insulated wires
- Designed for research & development applications



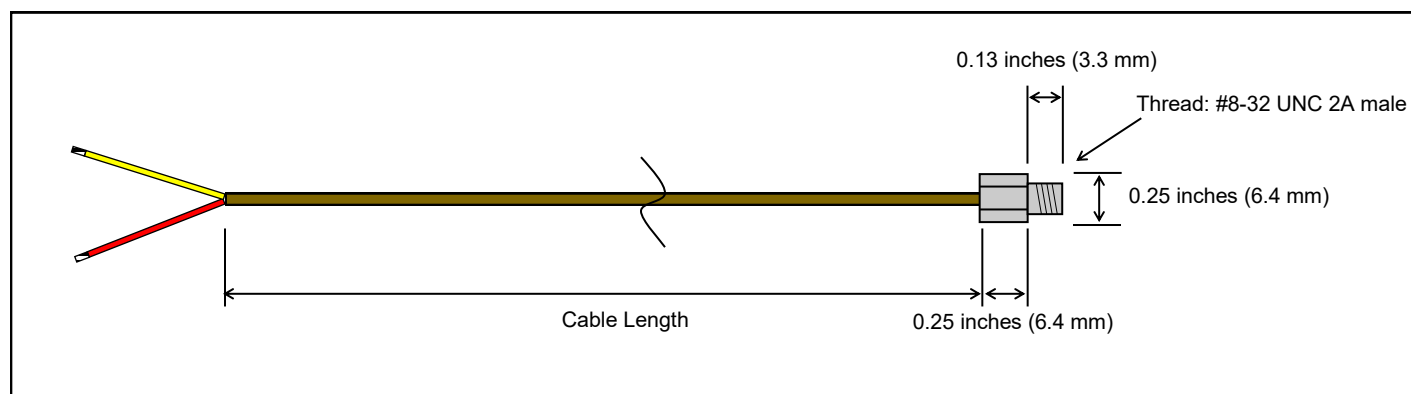
### Specifications

Thermocouple type: E, J, K, or T  
Range: -50 to 500°F (-45 to 260°C)  
Accuracy: Greater of +/-0.4% of reading or +/- 1.1°C (Special Limits of Error)

Fitting Housing Material: 316 Stainless Steel  
IP Rating: IEC IP64

Response Time\*: 6 Seconds  
\*Time Constant: Defined as the time required to reach 63.2% of an instantaneous temperature change  
Five time constants are required to approach 100% of the step change value

Lead Wire: Teflon™ insulated, 24 AWG, stranded conductors



### Ordering Information

Model	Cable Length	Junction	Calibration	Connector
<b>SMTS-TC</b>	- □ □ □	- □	- □	- □ □
	<b>036</b> 36 inches <b>072</b> 72 inches <b>180</b> 180 inches	<b>G</b> Grounded <b>U</b> Ungrounded	<b>E</b> Type E <b>J</b> Type J <b>K</b> Type K <b>T</b> Type T	<b>N</b> No connector <b>MP</b> Male mini-plug <b>SP</b> Male standard plug

### Ordering Example

**SMTS-TC-036-U-K-N:** Threaded Stud Thermocouple, 36 inch long cable, Ungrounded, Type K, no connector

**CUSTOM CONFIGURATIONS AVAILABLE**

