

# Rubbing Brake Disc Rotor Thermocouple

## Spring-Loaded Rubbing Brake Disc Thermocouple

- Type K thermocouple
- Spring-Loaded Tip contacts brake rotor surface
- Made in the USA
- Stainless Steel Overbraid protected wires
- Designed for research & development applications



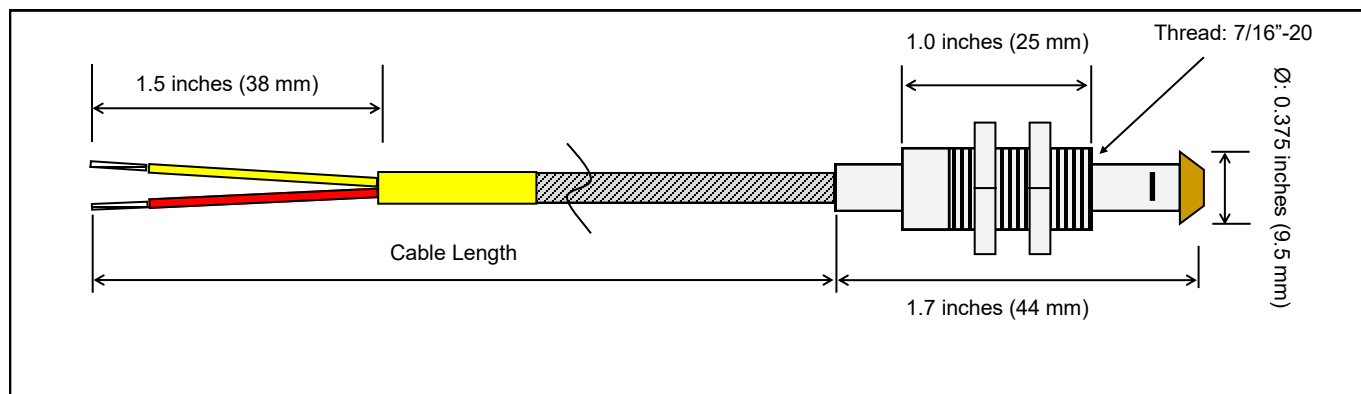
### Specifications

Thermocouple type: K  
 Accuracy: Greater of +/-0.4% of reading or +/- 1.1°C (Special Limits of Error)  
 Operating Range: -40°F to 1832°F (-40°C to +1000°C)

Barrel Material: 300 series Stainless Steel  
 Barrel thread: 7/16"-20

Sensing Junction: Grounded or Ungrounded  
 Response Time\*: Grounded = 1800 mS Ungrounded = 3600 mS  
 \*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, Teflon outer jacket, Stainless Steel Overbraid, 24 AWG, stranded



### Ordering Information

Model	Cable Length	Junction		Thermocouple Type	Connector
<b>RBTC2</b>	- □ □ □	- □	- <b>STF</b>	- □	- □
	<b>072</b> 72 inches <b>144</b> 144 inches <b>300</b> 300 inches	<b>G</b> Grounded <b>U</b> Ungrounded		<b>K</b> Type K	<b>N</b> No connector <b>MP</b> Male mini-plug <b>SP</b> Standard plug

### Ordering Example

**RBTC2-072-G-STF-K-N:** 72 inch long cable, grounded, Type K thermocouple, no connector

**CUSTOM CONFIGURATIONS AVAILABLE**

