

RUBBING BRAKE DISC ROTOR THERMOCOUPLE

Spring-Loaded Rubbing Brake Disc Thermocouple

FEATURES

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



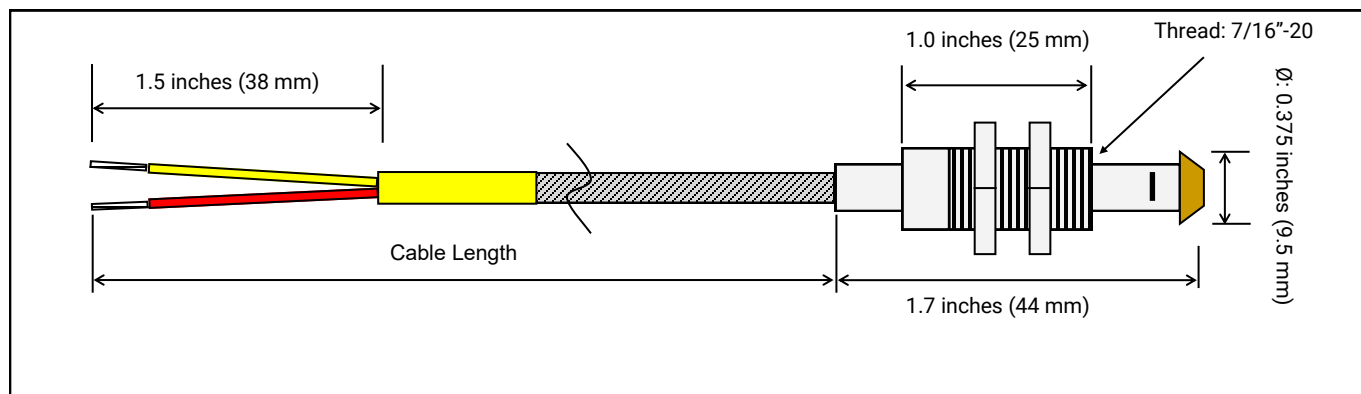
SPECIFICATIONS

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 = 30 seconds, Ungrounded = 15 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, Teflon outer jacket, Stainless Steel Overbraid, 24 AWG, stranded



ORDERING INFORMATION

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

EXAMPLE

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

CUSTOM CONFIGURATIONS AVAILABLE

