

Surface Temperature Thermocouple - Braze or Weld On

Fast Response Weld Pad Type Surface Thermocouple

- Type K thermocouple
- Braze or Weld stainless steel pad to surface
- Rugged high quality design
- Made in the USA
- Designed for research & development applications



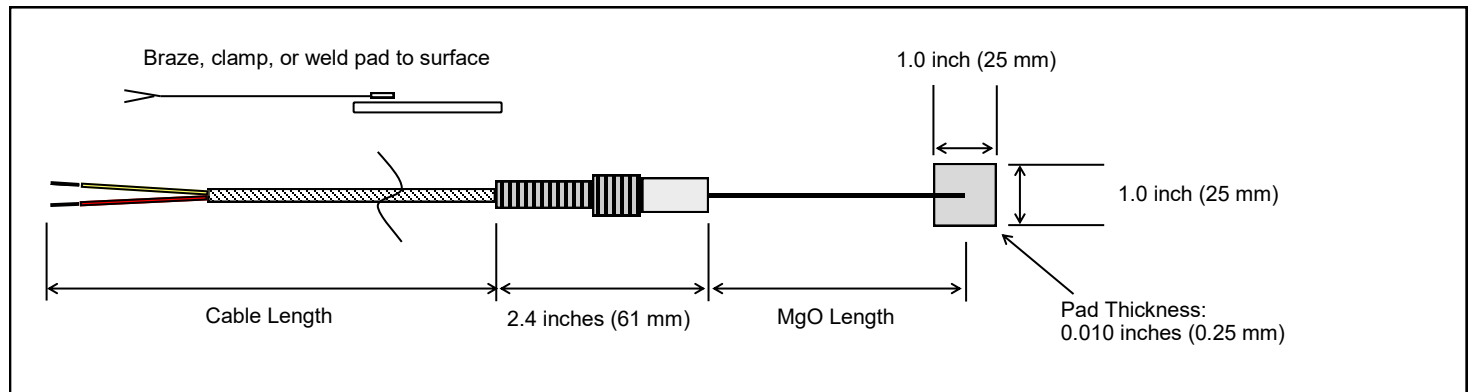
Specifications

Thermocouple type: J, K, or T
 Measuring Range: -148 to 2192°F (-100 to 1200°C)
 Accuracy: Greater of +/-0.4% of reading or +/- 1.1°C (Special Limits of Error)

Outer Sheath Material: Inconel, MgO insulated, 0.062" OD, rated to 2550°F (1400°C),
 Pad Material: 304 Stainless Steel, rated to 2550°F (1400°C)
 Pad dimensions: W = 1.0" x H = 1.0" (25 mm x 25 mm), Thickness 0.010" (0.25 mm)

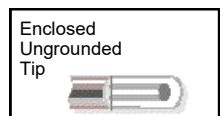
Sensing Junction: Ungrounded
 Response Time*: 300 mS
 *Time Constant: Defined as the time required to reach 63.2% of an instantaneous temperature change
 Five time constants are required to approach 100% of the step change value

Lead Wire: Stainless steel overbraiding over Teflon™ insulated, stranded wires, 24 gage, rated to 400°F (204°C)



Ordering Information

Model	MgO Length	Cable Length	Thermocouple Type	Connector
WPTC-ST	- □ □	- □ □ □	- □	- □
	04 4 inches	072 72 inches 144 144 inches 300 300 inches	J Type J K Type K T Type T	N No connector MP Male mini-plug SP Standard plug



Ordering Example

WPTC-ST-04-072-K-N: 4 inch MgO length, 72 inch long cable, Type K thermocouple, no connector

CUSTOM CONFIGURATIONS AVAILABLE

