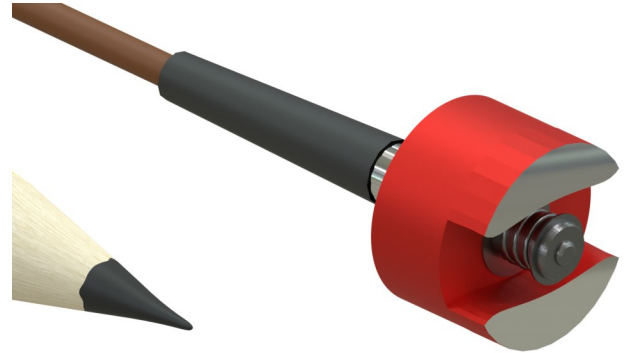


MMTC SERIES MAGNETIC MOUNT SURFACE THERMOCOUPLE SENSOR

Miniature Magnetic Surface Mount Thermocouple Sensor with Spring Loaded Tip

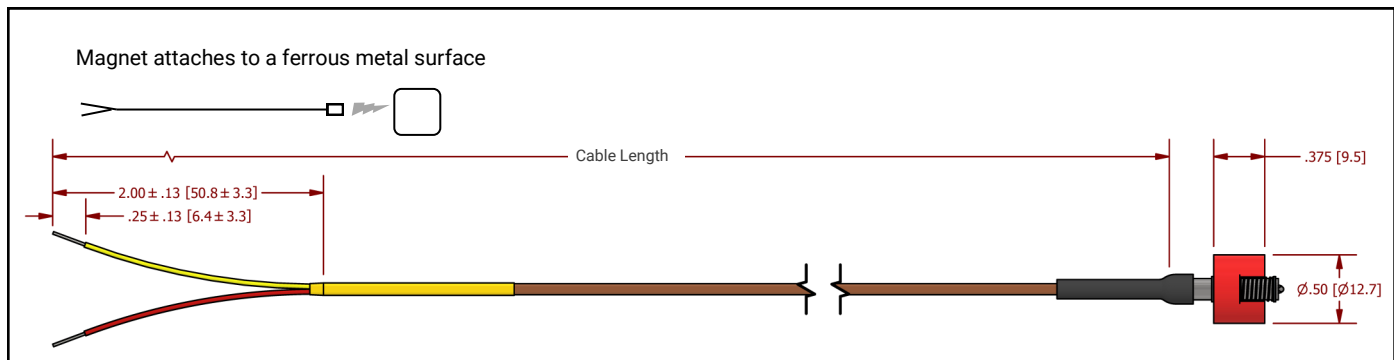
FEATURES

- Type J, K, or T thermocouple
- Thermocouple probe tip is spring loaded
- Made in the USA
- Measure surface temperature of ferrous metal materials
- Designed for research & development applications



SPECIFICATIONS

Thermocouple type:	J, K, or T
Measuring Range:	-50 to 500°F (-45 to 260°C)
Accuracy:	Greater of +/-0.4% of reading or +/- 1.1°C (Special Limits of Error)
Magnet Pull Force:	1.2 lbs (5.3 N)
Sensing Junction:	Grounded or Ungrounded
Response Time*:	Grounded = 60 seconds, Ungrounded = 35 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:	FEP Teflon insulated, FEP Teflon outer jacket, 24 AWG, stranded (rated to 400°F (260°C)) or Fiberglass insulated, Fiberglass outer jacket, 24 AWG, stranded (rated to 900°F (482°C))



ORDERING INFORMATION

Model	Cable Length	Junction	Magnet OD	Cable Insulation	Thermocouple Type	Connector
MMTC	- □□□	- □	- □□	- □□	- □	- □
	036 36 inches	G Grounded	05 0.5 Inches	FG Fiberglass	J Type J	N No connector
	072 72 inches	U Ungrounded		TF FEP Teflon	K Type K	MP Male mini-plug
	144 144 inches				T Type T	SP Standard plug

ORDERING EXAMPLE

MMTC-036-G-05-TF-K-N: 36 inch long cable, Grounded junction, 0.5" Magnet OD, Teflon Insulation, Type K thermocouple, no connector

CUSTOM CONFIGURATIONS AVAILABLE

