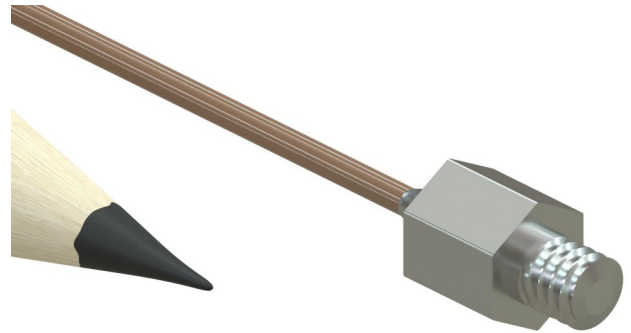


MINIATURE SURFACE MOUNT THREADED STUD THERMOCOUPLE

Male Threaded Fitting Surface Thermocouple Temperature Sensor

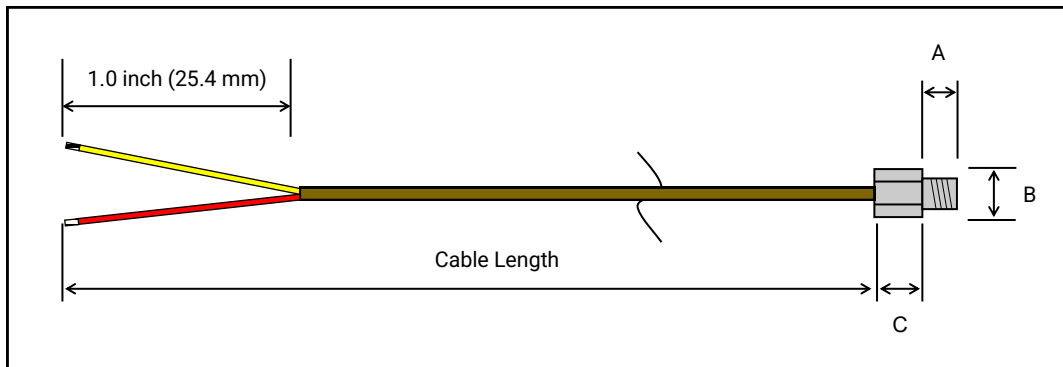
FEATURES

- 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 400°F (-45 to 204°C) - Higher temp rated version available on request
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:	24 AWG, stranded conductors



Thread Size	A	B	C
#6-32	0.25"	0.20"	0.22"
#8-32	0.13"	0.25"	0.25"
#10-32	0.20"	0.28"	0.28"
M4	0.20"	0.28"	0.28"
1/4"-20	0.30"	0.44"	0.44"

ORDERING INFORMATION

Model	Cable Length	Junction	Calibration	Cable Insulation	Connector	Thread Option
SMTS-TC	- □□□	- □	- □	- □	- □□	- □□
	(in inches) Example: 036 = 36 inches	G = Grounded U = Ungrounded	E = Type E J = Type J K = Type K T = Type T	1 = FEP 2 = PFA 3 = Fiberglass (rated to 900F) 4 = High Temp Fiberglass (rated to 1200F) 5 = Kapton	N = No connector MJ = Female mini-jack MP = Male mini-plug SJ = Female standard jack SP = Male standard plug	06 = #6-32 08 = #8-32 10 = #10-32 14 = 1/4"-20 M4 = M4x0.7

ORDERING EXAMPLE

SMTS-TC-036-U-K-1-N-08: Threaded Stud #8-32 Thermocouple, 36 inch long cable, FEP cable insulation, Ungrounded, Type K, no connector

CUSTOM CONFIGURATIONS AVAILABLE

