

MINIATURE SURFACE MOUNT THREADED STUD RTD

#8-32 Male Threaded Fitting Surface RTD

FEATURES

- Thin Film PT100 RTD Element
- Stainless steel hex fitting for durability
- Made in the USA
- Teflon™ insulated wires
- Designed for research & development applications

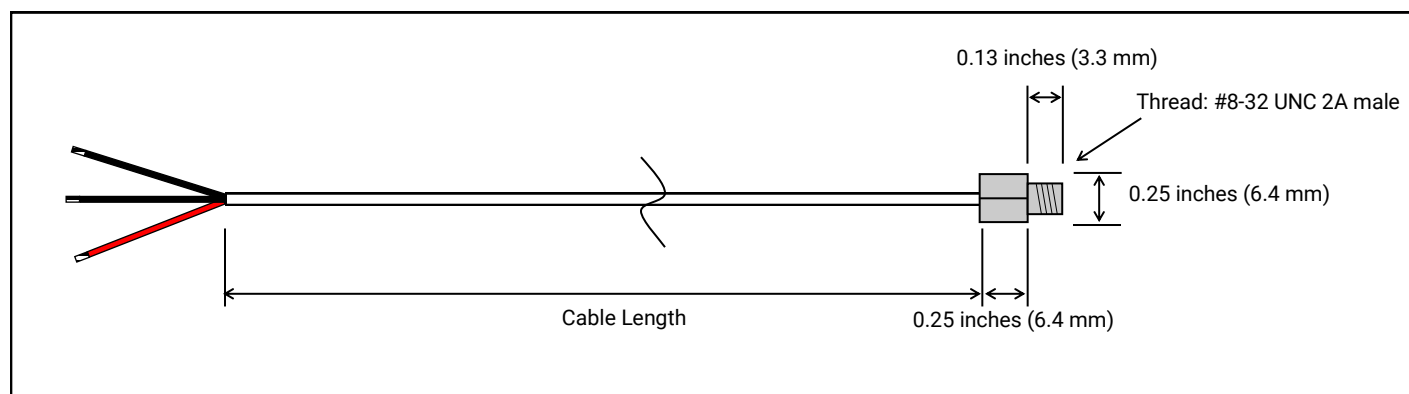
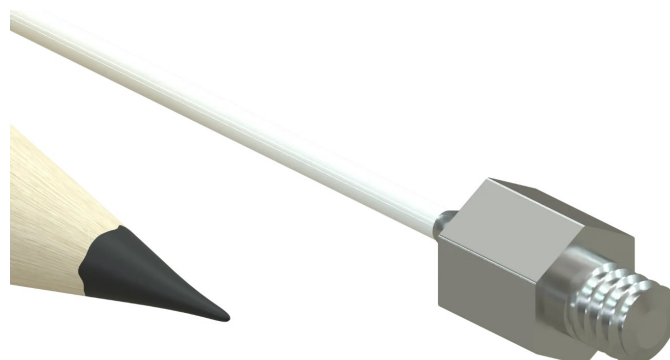
SPECIFICATIONS

RTD element type: Thin film platinum, 100Ω at 0°C, $\alpha = 0.00385$
Range: -90 to 500°F (-70 to 260°C)
Accuracy: Class A, +/- 0.15°C

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: Teflon™ insulated, 26 AWG, stranded conductors
Wiring: 3-wire



ORDERING INFORMATION

Model	RTD Element Type	Cable Length	Number of Wires	Connector	Thread Option
SMTS-RTD	□□□□□	- □□□	- □	- □□	- □□
	PT100 Platinum 100Ω	036 36 inches 072 72 inches 180 180 inches	2 2-wire 3 3-wire	N No connector MP Male mini-plug	(Blank) #8-32 (default) 10 #10-32 14 1/4"-20

ORDERING EXAMPLE

SMTS-RTD-PT100-036-3-N: Threaded Stud #8-32 RTD, PT100 Element, 36 inch long cable, 3-wire, no connector

CUSTOM CONFIGURATIONS AVAILABLE

