

Miniature Surface Mount Threaded Stud RTD

#8-32 Male Threaded Fitting Surface RTD

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



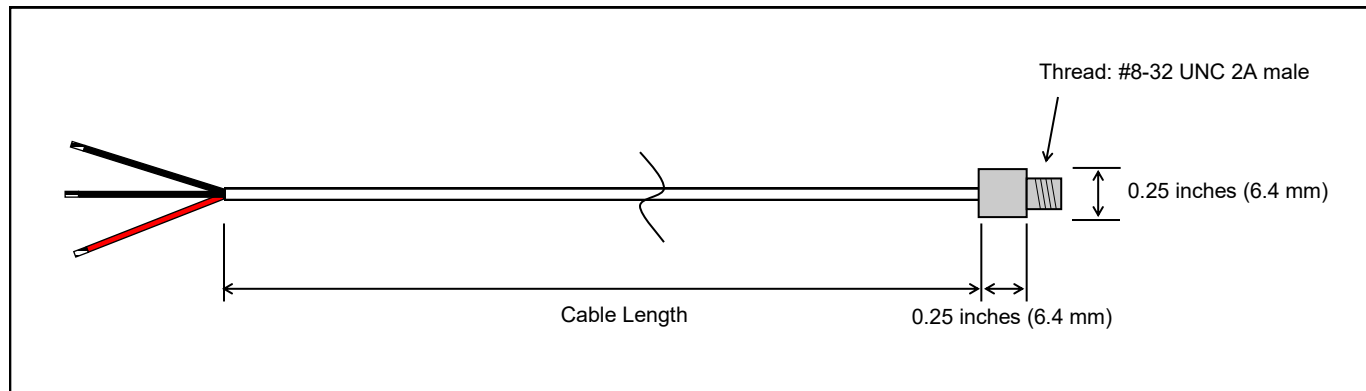
Specifications

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
SMTS-RTD	□□□□□□	-□□□	-□	-□□
	PT100 Platinum 100Ω	036 36 inches 072 72 inches 180 180 inches	3 3-wire	N No connector MP Male mini-plug

Ordering Example

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

CUSTOM CONFIGURATIONS AVAILABLE

