

**Part Number: P3A-TAPE-PX-1-PFXX-240-MPCT**

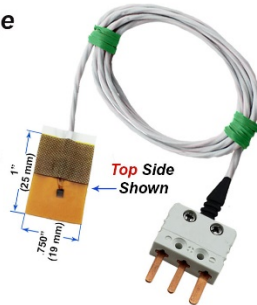
**Product Description:** Surface Mount RTD Temperature Sensor - Self Adhesive Patch Design with 20ft Leads and Male 3 Pin Connector

**Surface Mount RTD Sensor**  
**Self Adhesive Patch 20 FT Leads**  
**with 3 Pin Male Connector**

**Temperature Range**  
**-90°F to 500°F**  
**(-70 to 260°C)**

**Pt100 Class A Accuracy Element**

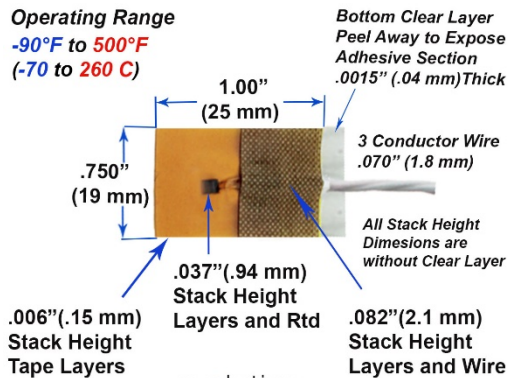
**Peel Away Clear Plastic Bottom Layer for Self Adhesive Mounting Side**



**20 FT (240 Inches) of PFA Insulated Lead Wire and 3 Pin Male Connector**

**Surface Mount RTD**  
**Self Adhesive Patch Dimensions**

**Operating Range**  
**-90°F to 500°F**  
**(-70 to 260 C)**



Temperature Sensor Type	3 Wire Pt100 (Platinum 100 Ohm) RTD (Resistance Temperature Detector) Class A accuracy 0.15°C at 0°C 0.35 at 100°C (0.00385 ohm change per degree C)
Sensor Dimensions	.090 Long x .082 Wide (2.3 mm Long x 2.1 mm Wide)
Sensor Mounting Patch	1" Long x .750" Wide (25 mm x 19 mm). Sensor Stack Height .037" (.94mm) Lead Wire Stack Height .082" (2.1 mm) see details in dimension image
Sensor Patch Material	Polyimide and Fiberglass with Teflon coating in Tape form and Silicone Adhesive
Sensor Temperature Range	-90 to 500°F (-70 to 260°C)
Lead Wire Length	240" (20ft or 6.1 Meters) Long
Lead Wire Insulation	PFA with -392°F to 500°F (260°C) rating
Lead Wire Construction	26 Gage Stranded (7/34) Nickel Plated Copper. 3 conductor PFA insulated and twisted with a PFA outer-jacket and .070" diameter
Power Supply	1 mA or less from Instrument or Controller
Wire Termination - Instrument Connection	Miniature Male Flat 3 Pin Connector – Plastic Body rated to -40 to 400°F (-40 to 200°C)
Color Coding	2 Black Wires and 1 Red Wire with White Jacket