

Part Number: P4A-TF24-26S-PX-0.16-PFXX-36-STWL

Product Description: 4 Wire Pt100 RTD Temperature Sensor with a Class A Accuracy Exposed Element and 3ft of PFA Insulated Lead Wire with Stripped Ends.

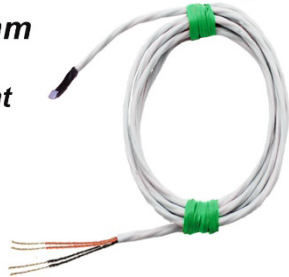
RTD Temperature Sensor with Exposed Element

4 Wire Pt100 Class A Accuracy

2.0 mm x 4.0 mm
Fast Response
Thin Film Element

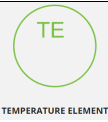
Operating Range
-90°F to 500°F
(-70 to 260 C)

Class A Range
-58°F to 500°F
(-50 to 260°C)



**3 ft of PFA Insulated
4 Conductor Wire
with Stripped Ends**

Pt100 RTD Element Accuracy (+/-°C)				
Temp (°C)	Class B	Class A	1/3DIN	1/10DIN
-200	1.30	—	—	—
-100	0.80	—	—	—
-50	0.55	0.25	0.18	—
0	0.30	0.15	0.10	0.03
100	0.80	0.35	0.27	0.08
200	1.30	0.55	0.43	—
250	1.55	0.65	0.52	—
300	1.80	0.75	—	—
350	2.05	0.85	—	—
400	2.30	0.95	—	—
450	2.55	1.05	—	—
500	2.80	—	—	—
600	3.30	—	—	—

Temperature Sensor	4 Wire Pt100 (Platinum 100 Ohm) RTD (Resistance Temperature Detector) with 0.00385 ohm change per degree C) Class A Accuracy Element
RTD Element Dimensions	2 x 4 mm
RTD Element Accuracy	Class A accuracy - $\pm 0.06\%$ of resistance or $\pm 0.15^\circ\text{C}$ at 0°C . This tolerance is strictly at 0°C – it will change as temperature increases to $\pm(0.15+0.002T)^\circ\text{C}$. T is the temperature of the RTD.
RTD Sensor Temperature Range	-90 to 500°F (-70 to 260°C)
Lead Wire Length	3ft (36 Inches 3ft of 0.91 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. 4 conductor PFA insulated and twisted with a PFA outer-jacket and 0.94" diameter
Wire Termination - Instrument Connection	1 Inch overall with 1/2" single insulation and 1/2" bare wire
Color Coding	2 Black Wires and 2 Red Wires with White Jacket
P&ID Symbol	 Temperature Element