

**Part Number: P3A-S316-250-PX-18-PFXX-40-STWL**

Effective Date 2/17/2021

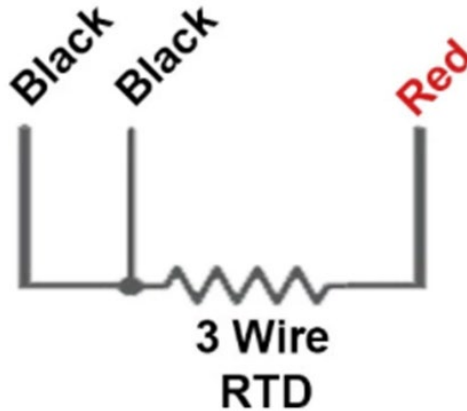
**Product Description:** 3 Wire Pt100 RTD with a 18-Inch Long x 1/4 Diameter Stainless Steel sheath with 40 Inches (3.3ft or 1 meter) of PFA Insulated Lead Wire

**RTD Probe 18 Inch Long  
1/4" (.250") Diameter**

**Stainless Steel Probe & Transition Fitting to PFA Insulated Lead Wire**

Temperature Range

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



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Sensors and Controls, LLC.

Temperature Sensor Type	3 Wire Pt100 (Platinum 100 Ohm) RTD (Resistance Temperature Detector) Class A Accuracy with 0.00385 ohm change per degree C)
Probe Length	18" (457 mm)
Probe Diameter	1/4" (.250" or 6.35 mm)
Probe Sheath Material	316 Stainless Steel
Probe Temperature Range	<b>-90 to 500°F</b> (-70 to 260°C)
Transition Fitting	3/8" (.375" or 9.5 mm) diameter stainless steel fitting and spring with 500°F (260°C) rated epoxy backfill
Lead Wire Length	40" (3.3 ft or 1 Meter) Long
Lead Wire Insulation	PFA with <b>-392°F to 500° F</b> (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 0.72" diameter
Power Supply	1 mA or less from Instrument or Controller
Wire Termination - Instrument Connection	Single Stripped Leads with 1/2" Bare Wire End
Color Coding	2 Black Wires and 1 White Wire and White Jacket
RoHS Status	Compliant to RoHS 2 and 3 directives