

Part Number: P3A-TBSX-250-PX-2-PFSB-12-STWL

Effective Date 1/22/2021

Product Description: 3 Wire Pt100 RTD with a 2-Inch-Long x 1/4 Diameter Stainless Steel sheath with 1 ft of PFA Lead Wire with Stainless Steel Braid.



Temperature Sensor Type	3 Wire Pt100 (Platinum 100 Ohm) RTD (Resistance Temperature Detector) with 0.00385 ohm change per degree C)
Probe Length	2" (50.8 mm)
Probe Diameter	1/4" (.250" or 6.35 mm)
Probe Sheath Material	316 Stainless Steel
Probe Temperature Range	-90 to 500°F (-70 to 260°C)
Transition Fitting	500°F rated high performance epoxy
Lead Wire Length	12" (1 ft or 0.3 Meters) Long
Lead Wire Insulation	PFA with -392°F to 500°F (260°C) rating and Stainless Steel overbraid
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
Special Design/Quality Notes	Epoxy seal must not exceed diameter of probe. Stainless steel braid must not contact probe.
Wire Termination - Instrument Connection	Single Stripped Leads with 1/2" Bare Wire End
Color Coding	2 Black Wires and 1 Red Wire and White Jacket with Silver Stainless Steel Overbraid