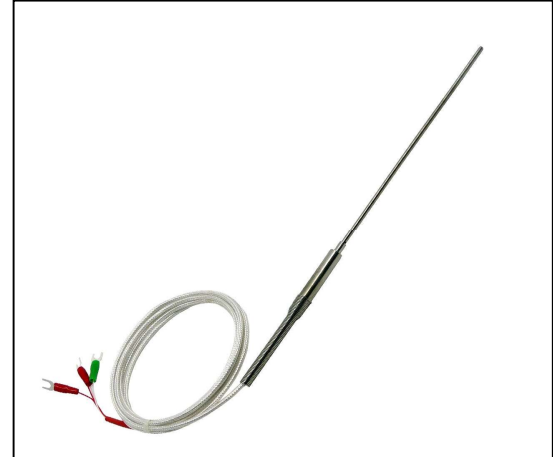




## PT100-11 Series RTD Probes with Rugged Transition Junction

- 100 Ohm Class A Platinum Element (PT100)
- Temperature Coefficient,  $\alpha = 0.00385$ .
- 304 Stainless Steel Sheath
- Rugged Transition Junction with Strain Relief
- Probe Length - 6 Inches (152 mm) or 12 Inches (305mm)
- Probe Diameter 1/8 inch (3 mm)
- Three Wire 72 Inch (1.8m) Lead Wire Terminating in Spade Lugs
- Temperature Rating: 660°F (350°C)



The PT100-11 series are RTD probes with stainless steel sheath and 100 ohm platinum RTD element. The PT100-11 are available with 6 or 12 inch probe length. These probe features a 3mm diameter sheath constructed from 304 stainless steel, a heavy duty transition joint which connects the probe to the lead wires and 72 inches of lead wire terminating in color coded spade lugs. A class A sensor element is used to provide high accuracy measurements.

PT100-11 probe is well suited for industrial environments. RTDs are resistance-based sensors so electrical noise has a minimum effect on the signal quality. The three-wire lead design compensates for the lead wire resistance allowing longer wire runs without a significant impact on accuracy. The rugged transition joint with spring wire strain relief makes for a highly mechanically sound connection between the wire and the probe.

<b>To Order -</b>	
<b>Model</b>	<b>Description</b>
PT100-11-3-18-6-72-SL	PT100-11 series RTD probe with 6-inch probe length
PT100-11-3-18-12-72-SL	PT100-11 series RTD probe with 12-inch probe length

### SPECIFICATIONS

**RTD Element:** 100 Ohm Platinum,  $\alpha=0.00385$ , Class A accuracy

**Temperature Rating:** -60 to 660° (-50 to 350°F)

**Probe Sheath Material:** 304 Stainless Steel

**Probe Diameter:** 1/8 inch(3mm)

**Probe Length:** 6 Inches (152 mm) or 12 Inches (305mm)

**Lead Wire:** 3 wire, 72 inches

**Lead Wire Insulation:** Teflon

**Lead Wire Termination:** Spade lugs

*Contact IOThrifty for any questions you have on the use of this product or any of your other temperature measurement needs.*