



Ultra-Low Temperature Thermistor Sensor (-90°C to 10°C)

Revision Date: 9/22/2025

Use Status: Available

Description:

The thermistor is a high precision temperature sensitive resistor made to read in a preset temperature range. The TPT series is most commonly used for ambient temperature readings in animal rooms, refrigerators, freezers, incubators, growth chambers, and greenhouses.

Rees Info	
General Info	
Centron Input Number	1.0
Centron 1	
TestWireless Reads	TPT4
Workstation Reads	Temperature in Deg. C.
Is it 4-20mA?	No

Power	
Comes with Transformer	False

Physicalities	
Height (inches)	0.25
Width (inches)	2.75
Color	Blue, White, Silver
Material	FEP, Stainless Steel 304
Is probe removable?	False
Cable Length (feet)	6.0
Probe Diameter (inches)	0.2
Probe Length (inches)	2.0
Probe Material	Stainless Steel 304

Sensor Info	
General Info	
Sensor Technology	Thermistor
Rees Calibrated	False
Factory Calibrated	False
Site Calibrated	False
Types of Measurands	Temperature
Measurands	
Temperature	
Measurement Min	-90.0
Measurement Max	10.0
Measurement Units/Information	C
Accuracy	Mfr. Specified resistance curve within 0.2 degrees C from 0-70 degrees C. Typical un-calibrated accuracy at -50° C: ± 0.5° C. Typical un-calibrated accuracy at -80° C: ± 1° C.
Resolution over Range	+/- 0.1 <80 Deg. C +/- 0.2 >80 Deg. C
Related Parts	
.TEMP-BLOCK	Temperature Stability alumunium block