

100K NTC and 4 to 20 mA Room Temperature Sensors



Energy &
Atmosphere



Indoor
Environmental
Quality



Siemens 4 to 20 mA and 100K Ohm
Room Temperature Sensor.

Description

The miscellaneous Room Temperature Sensors provide accurate 100K NTC, reliable sensing of room temperature. The sensor's resistance varies proportionally to the actual room temperature being measured.

100K NTC and 4 to 20 mA Room Temperature Sensors Specifications

Temperature Range		Calibration Point Factory Setting 77°F (25°)
Setpoint	55 to 95°F (13 to 35°C)	Accuracy..... ±0.5°F (±0.3°C)
Operating	55 to 95°F (13 to 35°C)	Resistance Value..... 10K Ohm
Output Signal	Changing Resistance or 4 to 20 mA	Calibration Adjustments None Required
		Cover Dimensions 3-11/32"H x 2-1/2"W x 1-1/2"D (85 mm H x 64 mm W x 38 mm D)

100K NTC and 4 to 20 mA Room Temperature Sensors Product Ordering

Application	Temperature Range	Desert Beige Part No.	White Part No.
Room 100K Ohm	20°F to 120°F (-7°C to 49°C)	536-983A	536-983B
Room 4 to 20 mA	40°F to 90°F (-5°C to 32°C)	536-752A	536-752B
Room 4 to 20 mA	20°F to 120°F (-6°C to 48°C)	536-753A	536-753B

Ordering Notes:

The controller to which the sensor is connected determines application-sensing range.