OD6 X 50mm Probe Temp Sensor

Description:

Omicron Sensing Inc manufactures temperature sensors
This document shows the enclosures and temperature vs resistance curves for the standard sensors.

Features:

The sensors employ precision interchangeable thermistors and RTD which are compatible with all the major building automation systems.

- Designed for temperature sensing in an HVAC and light industrial control applications
- Precision interchangeability eliminates the necessity for individual circuit calibration.
- Omicron is able to produce custom sensors in small volumeat standard sensor pricing

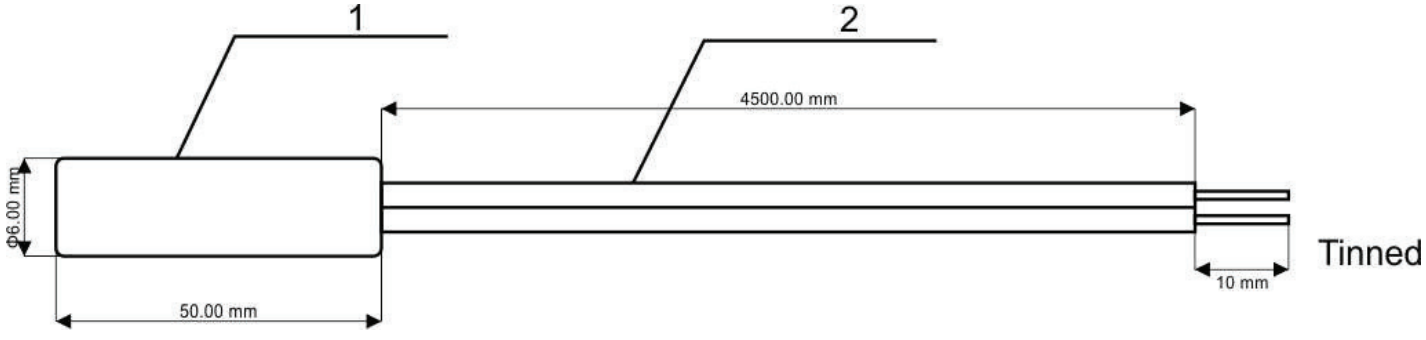
There are several sensor element ranges to choose from, which guarantee compatibility with all popular DDC systems.The sensor elements are precision thermistors or platinum RTDs. Field calibration is not generally required. The probe is epoxy sealed to prevent moisture from migrating into the probe. Custom probe lengths, wire types and sensor elements are available for large OEM projects. Ask about our plastics & metal manufacturing capabilities for custom housings as well.

Dimension:

Nominal Resistance	:	R25=10.00kΩ±1%
B Value	:	B25/50=3950K±1%
Optimal Operating Temperature Range	:	-40 ~ +120°C
Insulated Resistance	:	500VDC in water, >100MΩ

Specification:

1: Ø6x50 Stainless Steel Sensor
2: UL2464 20/2CAWG 105°C Black Wire



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HOW TO ORDER

Description:

PRB

PRB Temperature Probe

Probe:

50

50 50mm length stainless steel probe * Other lenghts available,consult factory

Temperature Curve:

7

2	PT-100 3 Wire	5	1.8KΩ Thermistor	6	3kΩ Thermistor
7	10KΩ Thermistor,Type 2	9	100KΩ Thermistor	11	LM334 IC SENSOR
12	PT-1000, 2 Wire	13	Ni-1000,2 Wire	20	20kΩ Thermistor
21	LM335 IC SENSOR	24	100KΩ Thermistor,Type 3		

*Thermistors,pt elements and probe sizes for all popular control systems are available,send us an email if you don't see what you need online.

Cable Length:

45 4.5m

45

Ordering Example: PRB - 50 - 7 - 45