

Space Temperature Sensor

SPACE TEMPERATURE SENSOR (IP65 METAL HOUSING)



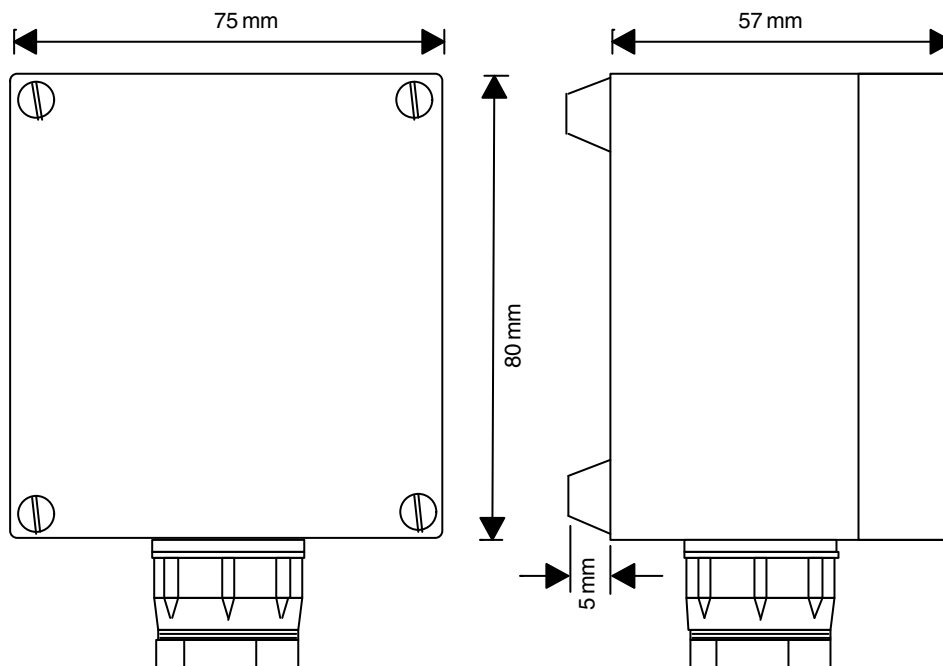
Description

Low cost thermistor for measurement of air temperature. Suitable for radiant heat measurement. Robust aluminium enclosure rated to IP65. Vandal proof.

Features

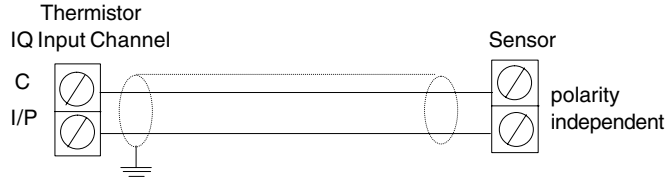
- Low cost.
- High quality thermistor.
- IP65 housing.
- Robust enclosure.
- Suitable for radiant heating applications.
- Vandal proof.

Physical

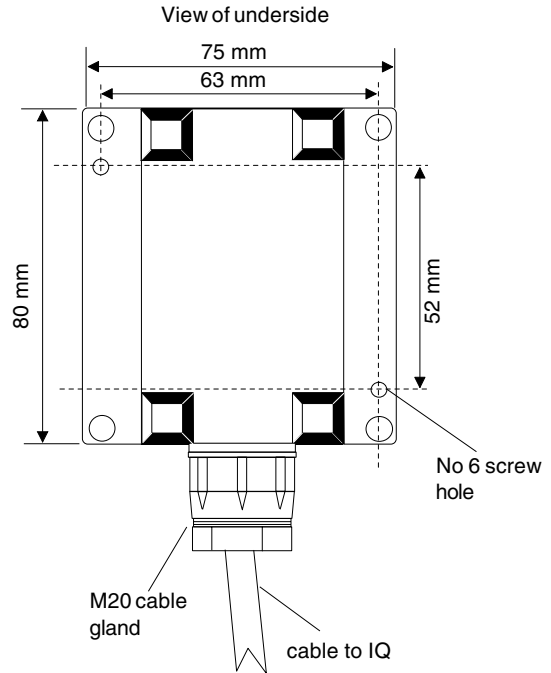


INSTALLATION

- (1) The sensor should be mounted on a wall, away from sources of heat and out of direct sunlight.
- (2) Remove cover by unscrewing 4 retaining screws.
- (3) Fix to wall using no.6 screws, through holes in back of sensor box.
- (4) Insert cable through cable gland and connect to terminals as shown below.



- (5) Replace cover and tighten screws.
- (6) Set IQ input channel link for thermistor input.



Note: This sensor can also be used to measure radiant heat. Ensure the sensor is mounted in a position where a good representation of the radiant heat can be measured.

SPECIFICATIONS

Enclosure Material	:Diecast Aluminium
Range	:-10 to 40 °C
Environmental Protection	:IP65
Dimensions	:80 x 75 x 62 mm
Connections	:1 part screw terminals for 0.5 to 2.5 mm ² cable.
Accuracy	:±1 °C
Thermistor	:10kΩ at 25 °C

IQ Scaling

	IQ REFERENCE VOLTAGE		
	10V	LK/D	2.55V
Brange	-10	-10	-10
Trange	40	40	40
F	8.47	4.61	2.15
G	7.42	4.30	1.89
H	6.11	3.83	1.56
I	4.73	3.28	1.21
J	3.48	2.66	0.89

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