Black Button Temperature Sensors
TE-B

Description:

The TE-B range of button temperature sensors are designed to interface with a wide variety of HVAC control equipment. Units are available with a high quality thermistor element or platinum element. The sensor is housed in a white plastic button enclosure with optional, brass or stainless steel versions also available.

Features:

- Button type housing for discrete temperature measurement
- Plastic, stainless steel or brass versions
- P/Pe choice of sensor options

Technical Specification:

Sensor Type:	Thermistor or RTD element - see order codes for options
Accuracy:	Thermistor - ±0.2°C, 0...70°C RTD - Class A ±0.15°C @ 0°C, ±0.35°C @ 100°C
Housing:	Black Plastic
Protection:	IP30
Termination:	300mm of PVC flying lead
Ambient:	0°C to +50°C, 0-95% RH non-condensing

Installation:

The TE-B sensor should be installed by a suitably qualified technician in conjunction with any guidelines for the equipment which it is to be connected to. Field wiring should be installed to satisfy the requirements set out by the manufacturer of the equipment that the sensor is being connected to. As a general rule, screened cable should be used to connect the sensor to a BMS or other controller. Please note that none of the TE-B sensors are suitable for use with mains voltage. The sensors have been designed for mounting in a false ceiling or mounting plate.

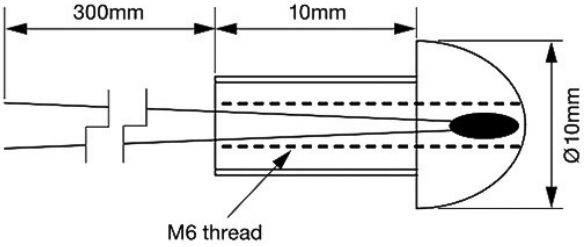
1. Drill a suitable hole. The thread is M6.
2. Pass the cable through the hole, secure with the fixing nut provided.
3. Terminate the cable as required.

Order Code:

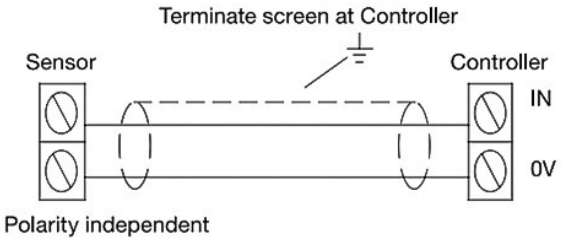
TE-BT/BP	Black Plastic Button Temp Sensor - 10KΩ @ 25°C
TE-BA/BP	Black Plastic Button Temp Sensor - 10KΩ @ 25°C
TE-BTAC/BP	Black Plastic Button Temp Sensor - 1.8KΩ @ 25°C
TE-BSAT/BP	Black Plastic Button Temp Sensor - 5025Ω @ 25°C
TE-B3K/BP	Black Plastic Button Temp Sensor - 3KΩ @ 25°C
TE-BH/BP	Black Plastic Button Temp Sensor - 20KΩ @ 25°C
TE-BLAN/BP	Black Plastic Button Temp Sensor - 1000 Ω at 0°C
TE-BD/BP	Black Plastic Button Temp Sensor - 30KΩ @ 25°C
TE-BP/BP	Black Plastic Button Temp Sensor - 50KΩ @ 25°C
TE-B100/BP	Black Plastic Button Temp Sensor - 100Ω @ 0°C
TE-B1K/BP	Black Plastic Button Temp Sensor - 1000Ω @ 0°C

Other sensor types and finishes available. Contact us for details. Units can be supplied mounted into appropriate single gang blanking plates or other plate specified by the customer. Contact us for details.

Dimensions:



Wiring:



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