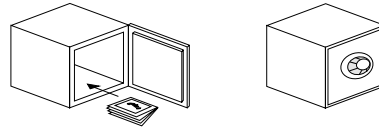


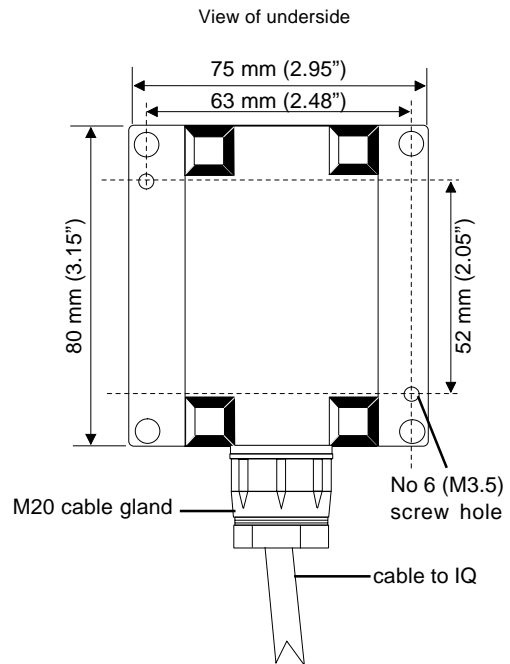
**Important: Retain these instructions**



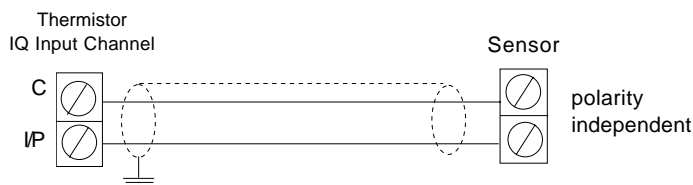
### INSTALLATION

The sensor should be mounted on a wall, away from sources of heat and out of direct sunlight.

- (1) Remove cover by unscrewing 4 retaining screws.
- (2) Fix to wall using 2 no.6 (M3.5) screws, through holes on centres as shown.
- (3) Route the cable through the cable entry.



- (4) Wire as shown below and replace cover.



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

*Note: this sensor can 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 °C to 40 °C (14 °F to 104 °F)  
 Environmental Protection :IP65, NEMA4  
 External dimensions :80 mm x 75 mm x 62 mm (3.15" x 2.95" x 2.44")  
 Connections :1 part screw terminals for 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup> (14 to 20 AWG) cable.  
 Accuracy :±1 °C (±1.8 °F)  
 Thermistor :10 kΩ at 25 °C (77 °F)

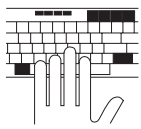
**IQ Scaling**

It is recommended to use SET (software tool) for the setting of sensor type modules. For all IQ2 series controllers with firmware version 2.1 or greater, or IQ3 series controllers, select the appropriate SET Unique Sensor Reference from the following:

Thermistor: **Trend Thermistor (°C)**  
**Trend Thermistor F (°F)**

and set U and L parameters according to the table below.

If not using SET, use the following tables, for all IQ2 series controllers of firmware version 2.1 or greater or IQ3 controllers; for all other IQ controllers see Sensor Scaling Reference Card TB100521A.




Type Sensor digI/P Driver Function loGic Loop scHedule seQnc Analog digBit  
 Knob sWitch Time Zone Oss User addRess intcoN calarM reView Plot calendar  
 = ?

**Thermistor -10 °C to +40 °C (14 °F to 104 °F)**

Yn<CR>  
 TYPE n  
 :  
 =?  
 S=5 (characterise)  
 Y=, E=, U=, L=, P=,  
 I1 to I7=, O1 to O7=  
 X <CR>

Units		°C	°F
<b>Y</b>	<b>Input type</b>	<b>1 (thermistor volts)</b>	
<b>E</b>	Exponent	3	3
<b>U</b>	Upper	+42	+110
<b>L</b>	Lower	-12	+10
<b>P</b>	Points	7	
<b>n</b>	In	On	
<b>1</b>	2.648	49.9	121.8
<b>2</b>	3.475	39.9	103.8
<b>3</b>	4.462	30	86
<b>4</b>	6.656	10	50
<b>5</b>	7.656	0	32
<b>6</b>	8.33	-8	17.6
<b>7</b>	8.795	-15	5

**DISPOSAL**



**WEEE Directive :**

At the end of their useful life the packaging and product should be disposed of by a suitable recycling centre.

Do not dispose of with normal household waste.  
 Do not burn.

Manufactured for and on behalf of the Environmental and Combustion Controls Division of Honeywell Technologies Sàrl, Ecublens, Route du Bois 37,Switzerland by its Authorized Representative, Trend Control Systems Limited.

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