Ceiling Mounted Temperature Sensor

The Titan Products Ceiling Mounted Temperature Sensor is specifically designed to measure conditions in open plan office areas by the temperature probe protruding through the false ceiling tiles.

The sensor is available with a range of temperature measurement elements.

Specification

Material: Body:	Flame retardant polycarbonate
Probe:	White nylon tube
Sensing Elements:	See below
Accuracy:	±0.2ºC @ 70ºC thermistor
	±0.4ºC 4-20mA
	±0.5ºC 0-10V
Operating Temperature:	-10 to + 70ºC
Terminals:	1.0mm recommended 2.5mm max
Location:	Through false ceiling
Dimensions: Enclosure:	36mm high, 75mm wide, 60mm deep
Probe:	See below
Protection:	IP20
Country of Origin:	UK
Product Codes:	See Below

Product Codes

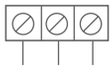
Element Type	System Compatibility	Product Code	Accuracy
10K3A1	Trend / Jel / Honeywell / Aquatrol 2000 / Ambiflex / Next / Smart / York	TPTCM65	+/- 0.2˚C
10K4A1	Andover / Automatrix / York / Siebe	TPACM65	+/- 0.2˚C
1.8K7	TAC	TPTAC/CM65	+/- 0.2˚C
2.2K3A1	Johnsons / Ambiflex	TPCM65/2K2	+/- 0.2˚C
3K3A1	Alerton	TPTS-CM65	+/- 0.2˚C
20K6A1	Honeywell	TPHCM65	+/- 0.2˚C
30K6A1	Drayton	TPDCM65	+/- 0.2˚C
100K6A1	York (>40˚C)	TPCM65/100K6	+/- 0.2˚C
Satchwell	Satchwell T Range	TPSCM65/TRANGE	+/- 0.2˚C
Ni1000	Landis & Gyr	TPCM65/Ni1000	+/- 0.3˚C
PT100	PT100	TPPT2CM65	+/- 0.3˚C
PT1000	PT1000	TPPT3CM65	+/- 0.3˚C
4-20mA	2 Wire Loop Powered	TPCM65/40 (-10 to + 40˚C)	+/- 0.4˚C
0-10V	3 Wire 24V Supply	TPVCM65 (0 to + 40˚C)	+/- 0.5˚C

Wiring

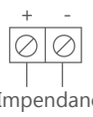
2 wire
NTC
Ni1000
RTD

3 and 4 wire options available for RTD

3 wire
0-10V
24V AC/DC
24V OV SIG

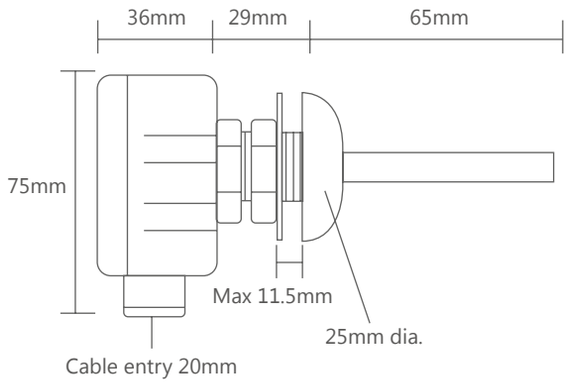


2 wire loop powered
4-20mA (bi-directional)



Input Impendance >100ohms

Dimensions



The 10K3A1 Range of environmental sensors are designed to be used with all Titan BACnet controllers

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UK DESIGNED, DEVELOPED AND MANUFACTURED
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