



Black Bulb Temperature Sensor

TITAN Products black bulb room temperature sensor is specifically designed to measure the temperature of radiant heating systems.

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

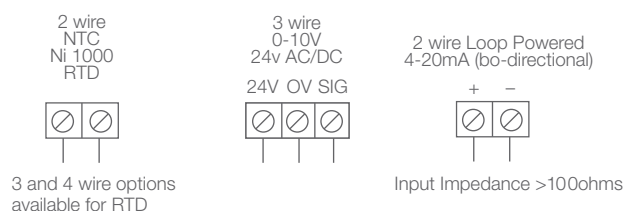
Specification

Material Body:	Flame Retardant Polycarbonate
Sensing Elements:	See Below
Accuracy :	±0.2°C @ 70°C Thermistor ±0.4°C 4-20mA ±0.5°C 0-10 volts
Operating Temperature:	-10 to + 70°C
Terminals:	1.0mm recommended 2.5mm max
Location:	Wall mounted 1.5m from floor level
Dimensions:	80mm high, 80mm wide, 50 mm deep
Protection:	IP20
Product Code:	See Below

Product Codes

Element Type	System Compatibility	Product Code	Accuracy
1.8K7	TAC	TPTAC/RS/BB	±0.2°C
2.2K3A1	Johnsons / Ambiflex	TPRS/BB/2K2	±0.2°C
3K3A1	Alerton	TPTS-R/U/BB	±0.2°C
10K3A1	Trend / Jel / Honeywell Aquatrol 2000 / Ambiflex / Next / Smart / York	TPTRS/BB	±0.2°C
10K4A1	Andover / Automatrix / York / Siebe	TPARS/BB	±0.2°C
20K6A1	Honeywell	TPHRS/BB	±0.2°C
30K6A1	Drayton	TPDRS/BB	±0.2°C
100K6A1	York (> +40°C)	TPRS/BB/100K6	±0.2°C
Satchwell	Satchwell T Range	TPSRS/2453	±0.2°C
Satchwell	Satchwell DR Range	TPSRS/BB/2253	±0.2°C
Staefa T1	Staefa T1	TPT1RS/BB	±0.3°C
Staefa T30	Staefa T30	TPT30RS/BB	±0.3°C
Ni1000	Landis & Gyr	TPRS/Ni1000/BB	±0.3°C
PT100	PT100	TPPT2RS/BB	±0.3°C
PT1000	PT1000	TPPT3RS/BB	±0.3°C
4-20mA	2 Wire Loop Powered	TPRS/BB/40 (-10 to + 40°C)	±0.4°C
0-10V	3 Wire 24V Supply	TPVRS/BB (0 to + 40°C)	±0.5°C

Wiring



Dimensions

