

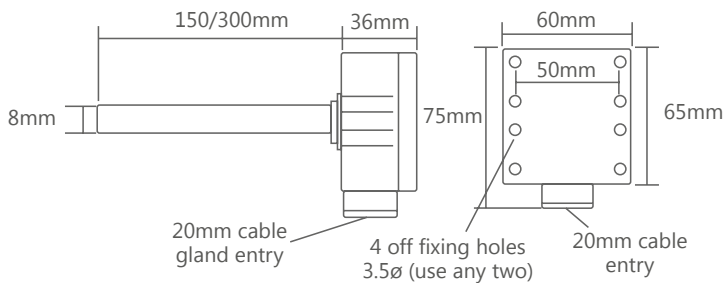
Duct Temperature Sensor



The Titan Products Duct Temperature Sensor is designed to measure temperature conditions in duct ventilated systems. The sensor element is enclosed in the end of a rigid ventilation flame retardant polycarbonate tube which is in the air duct.

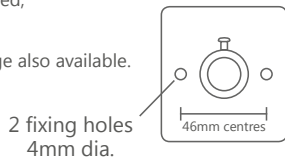
The sensor is available in two standard lengths of 150mm or 300mm with other lengths made to order and with a range of temperature measurement elements.

Dimensions



Sensor is supplied without cable entry gland (TPCG20). If required, please order separately.

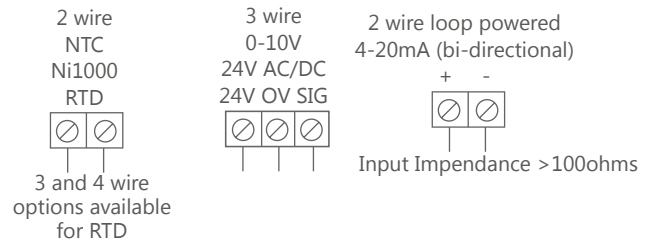
Optional Duct Mounting Flange also available.



Specification

Material:	Body: Flame retardant polycarbonate Probe: Flame retardant polycarbonate
Sensing Elements:	See below
Accuracy:	+/-0.2°C @ 70°C thermistor +/-0.4°C (4-20mA) +/-0.5°C (0-10V)
Operating Temperature:	-10 to +70°C
Terminals:	1.0mm recommended 2.5mm max.
Location:	In duct to measure mixed air flow a minimum 2m away from batteries
Dimensions (mm):	Probe: 150 or 300 Body: H60 x W65 x D36 20mm cable gland entry
Protection:	IP65
Country of Origin:	UK
Product Code:	See below

Wiring



Product Codes

Element Type	System Compatibility	Product Codes 150mm	Product Codes 300mm	Accuracy
10K3A1	Trend / Jel / Honeywell / Aquatrol 2000 / Ambiflex / Next / Smart / York	TPTDS/S	TPTDS/L	+/- 0.2°C
10K4A1	Andover / Automatrix / York / Siebe	TPADS/S	TPADS/L	+/- 0.2°C
1.8K7	TAC	TPTACDS/S	TPTACDS/L	+/- 0.2°C
2.2K3A1	Johnsons / Ambiflex	TPDS/2K2/S	TPDS/2K2/L	+/- 0.2°C
3K3A1	Alerton	TPTS-D/U/S	TPTS-D/U/L	+/- 0.2°C
20K6A1	Honeywell	TPHDS/S	TPHDS/L	+/- 0.2°C
30K6A1	Drayton	TPDDS/S	TPDDS/L	+/- 0.2°C
100K6A1	York (> 40°C)	TPDS/100K6/S	TPDS/100K6/L	+/- 0.2°C
Satchwell	Satchwell T Range	TPSDS/TRANGE/S	TPSDS/TRANGE/L	+/- 0.2°C
Ni1000	Landis & Gyr	TPDS/NI1000/S	TPDS/NI1000/L	+/- 0.3°C
PT100	PT100	TPPT2DS/S	TPPT2DS/L	+/- 0.3°C
PT1000	PT1000	TPPT3DS/S	TPPT3DS/L	+/- 0.3°C
4-20mA	2 Wire Loop Powered	TPDS/S/40 (-10 to +40°C)	TPDS/L/40 (-10 to +40°C)	+/- 0.4°C
0-10V	3 Wire 24V Supply	TPVDS/40/S (0 to +40°C)	TPVDS/40/L (0 to +40°C)	+/- 0.5°C