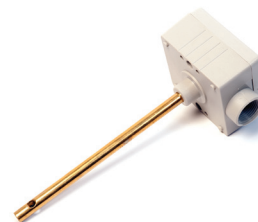


Duct Mounted Temperature Sensor



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 ventilated brass tube which is mounted in the air duct.

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

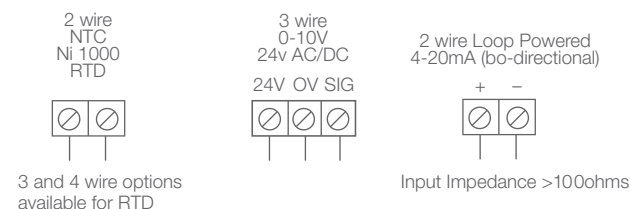
Specification

Material	Body:	Flame Retardant Polycarbonate
	Probe:	Brass
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:		In duct to measure mixed air flow a minimum 2 metres away from batteries.
Dimensions	Probe:	150mm or 300mm
	Body:	60mm high, 65mm wide, 36mm deep 20mm cable gland entry
Protection:		IP65
Product Code:		See Below

Product Codes

Element Type	System Compatibility	Product Code 150mm	Product Code 300mm	Accuracy
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
10K3A1	Trend / Jel / Honeywell Aquatrol 2000 / Ambiflex / Next / Smart / York	TPTDS/S	TPTDS/L	±0.2°C
10K4A1	Andover / Automatrix / York / Siebe	TPASDS/S	TPASDS/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/1701/S	TPSDS/1701/L	±0.2°C
Satchwell	Satchwell DR Range	TPSDS/2253/S	TPSDS/2253/L	±0.2°C
Staefa T1	Staefa T1	TP-T1DS/S	TP-T1DS/L	±0.3°C
Staefa T30	Staefa T30	TPT30DS/S	TPT30DS/L	±0.3°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/40/S (-10 to + 40°C) TPDS/110/S (-10 to + 110°C)	TPDS/40/L (-10 to + 40°C) TPDS/110/L (-10 to + 110°C)	±0.4°C
0-10V	3 Wire 24V Supply	TPVDS/40/S (0 to + 40°C) TPVDS/110/S (0 to + 110°C)	TPVDS/40/L (0 to + 40°C) TPVDS/110/L (0 to + 110°C)	±0.5°C

Wiring



Dimensions

