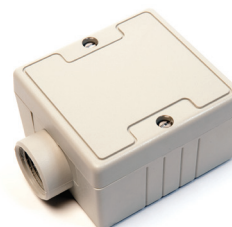


# Outside Temperature Sensor



TITAN Products outside temperature sensor is designed for the measurement of external temperature conditions. The sensors enclosure is IP65 with the sensor element being encapsulated to prevent the influence of condensation in low temperature conditions.

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

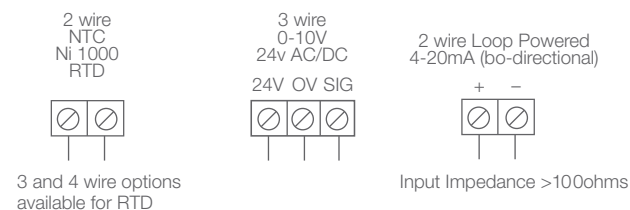
### Specification

Material Body:	Flame Retardant Polycarbonate
Sensing Elements:	All thermistors PT100 PT1000 0-10V 4-20mA
Accuracy :	±0.2°C @ 70°C Thermistor ±0.4°C 4-20mA ±0.5°C 0-10 Volts
Operating Temperature:	-50 to + 70°C
Terminals:	1.0mm recommended 2.5mm max
Location:	North facing wall not influenced by direct sun light
Dimensions:	65mm high, 60mm wide, 36 mm deep
Protection:	IP65
Product Code:	See Below

### Product Codes

Element Type	System Compatibility	Product Code	Accuracy
1.8K7	TAC	TPTACOS	±0.2°C
2.2K3A1	Johnsons / Ambiflex	TPOS/2K2	±0.2°C
3K3A1	Alerton	TPTS-O/U	±0.2°C
10K3A1	Trend / Jel / Honeywell Aquatrol 2000 / Ambiflex / Next / Smart / York	TPTOS	±0.2°C
10K4A1	Andover / Automatrix / York / Siebe	TPAOS	±0.2°C
20K6A1	Honeywell	TPHOS	±0.2°C
30K6A1	Drayton	TPDOS	±0.2°C
100K6A1	York (> +40°C)	TPOS/100K6	±0.2°C
Satchwell	Satchwell T Range	TPSOS/2301	±0.2°C
Satchwell	Satchwell DR Range	TPSOS/2202	±0.2°C
Staefta T1	Staefta T1	TP-T1OS	±0.3°C
Staefta T30	Staefta T30	TPT30OS	±0.3°C
Ni1000	Landis & Gyr	TPOS/Ni1000	±0.3°C
PT100	PT100	TPPT2OS	±0.3°C
PT1000	PT1000	TPPT3OS	±0.3°C
4-20mA	2 Wire Loop Powered	TPOS/40 (-10 to + 40°C)*	±0.4°C
0-10V	3 Wire 24V Supply	TPVOS (-10 to + 40°C)*	±0.5°C

### Wiring



### Dimensions

