

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

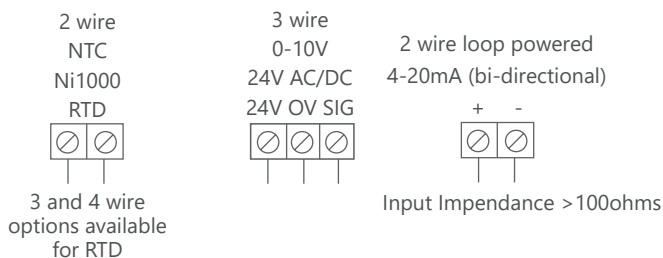
Material Body:	Flame retardant polycarbonate
Sensing Elements:	All thermistors PT100 PT1000 0-10V 4-20mA
Accuracy:	+/- 0.2°C @ 70°C thermistor +/- 0.4°C (4-20mA) +/- 0.5°C (0-10V)
Operating Temperature:	-50 - +70°C
Terminals:	1.0mm recommended 2.5mm max
Location:	North facing wall not influenced by direct sunlight
Dimensions (mm):	65H x 60W x 36D
Protection:	IP65
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	TPTOS	+/- 0.2°C
10K4A1	Andover / Automatrix / York / Siebe	TPAOS	+/- 0.2°C
20K6A1	Honeywell	TPHOS	+/- 0.2°C
Ni1000	Landis & Gyr	TPOS/Ni1000	+/- 0.3°C
PT1000	PT1000	TPPT3OS	+/- 0.3°C
4-20mA	2 Wire Loop Powered	TPOS/50 (-10 - +50°C)*	+/- 0.4°C
0-10V	3 Wire 24V Supply	TPVOS (-10 - +40°C)*	+/- 0.5°C

Other element types available on request. Contact Titan Products for details and options.

Wiring



Dimensions

