

Room Temperature Sensor



The Titan Products room temperature sensor is designed for the measurement of internal room temperature conditions.

The sensor can be supplied with or without a local potentiometer for setpoint adjustment. 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 (0-10V)
Operating Temperature:	-50 - +70°C
Terminals:	1.0mm recommended 2.5mm max.
Location:	Wall mounted 1.5m from floor level
Dimensions (mm):	90H x 80W x 29D
Protection:	IP20
Country of Origin:	UK
Product Code:	See below

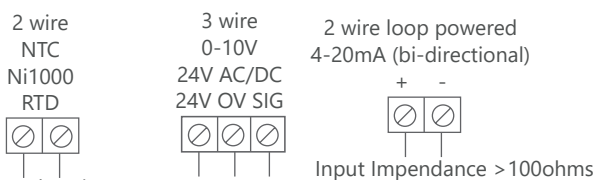
Product codes

Element Type	System Compatibility	Standard Room Product Codes	Setpoint Adjuster (LCR) Product Codes	Accuracy
10K3A1	Trend / Jel / Honeywell / Aquatrol 2000 / Ambiflex / Next / Smart / York	TPTRS	TPTLCR	+/- 0.2°C
10K4A1	Andover / Automatrix / York / Siebe	TPARS	TPALCR	+/- 0.2°C
1.8K7	TAC	TPTACRS	TPTAC/LCR	+/- 0.2°C
2.2K3A1	Johnsons / Ambiflex	TPRS/2K2	TPLCR/2K2	+/- 0.2°C
3K3A1	Alerton	TPRS-R/U	TPTS-LCR	+/- 0.2°C
20K6A1	Honeywell	TPHRS	TPHLCR	+/- 0.2°C
30K6A1	Drayton	TPDRS	TPDLCR	+/- 0.2°C
100K6A1	York (> 40°C)	TPRS/100K6	TPLCR/100K6	+/- 0.2°C
Satchwell	Satchwell T Range	TPSR/STRANGE	TPSLCR/TRANGE	+/- 0.2°C
Ni1000	Landis & Gyr	TPRS/Ni1000	TPLCR/Ni1000	+/- 0.3°C
PT100	PT100	TPPT2RS	TPPT2LCR	+/- 0.3°C
PT1000	PT1000	TPPT3RS	TPPT3LCR	+/- 0.3°C
4-20mA	2 Wire Loop Powered	TPRS/40 (-10 - +40°C)*	TPRS/40/LCR (-10 - +40°C)**	+/- 0.4°C
0-10V	3 Wire 24V Supply	TPVRS (0 - 40°C)	TPVRS/LCR (0 - 40°C)	+/- 0.5°C

* Other ranges are available on request.

** All LCR models have a resistive output of 1-11k for setpoint adjust. 0-10V (LCV) options are available on request.

Wiring



3 and 4 wire options available for RTD

LCR Wiring



Dimensions

