

# Room Temperature Sensor



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

Standard colour options White, Grey or Black, with selected Decorative finishes.

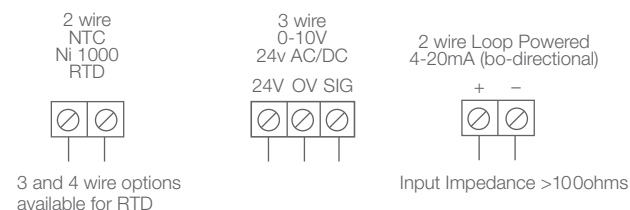
### Specification

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:	-10 to + 70°C
Terminals:	1.0mm recommended 2.5mm max
Location:	Wall mounted 1.5m from floor level
Dimensions:	80mm high, 80mm wide, 29mm deep
Protection:	IP20
Product Code:	See below

### Product Codes

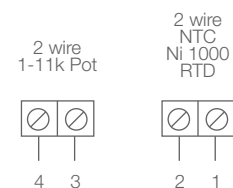
Element Type	System Compatibility	Standard Room Product Codes	Set point Adjuster (LCR) Part Codes	Accuracy
1.8K7	TAC	TPTACRS	TPTAC/LCR	±0.2°C
2.2K3A1	Johnsons / Ambiflex	TPRS/2K2	TPLCR/2K2	±0.2°C
3K3A1	Alerton	TPTS-R/U	TPTS-LCR	±0.2°C
10K3A1	Trend / Jel / Honeywell Aquatrol 2000 / Ambiflex / Next / Smart / York	TPTRS	TPTLCR	±0.2°C
10K4A1	Andover / Automatrix / York / Siebe	TPARS	TPALCR	±0.2°C
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	TPSRS2453	TPSLCR/2453	±0.2°C
Satchwell	Satchwell DR Range	TPSRS2253	TPSLCR/2253	±0.2°C
Staefa T1	Staefa T1	TPT1RS	TPT1RS-LCR	±0.3°C
Staefa T30	Staefa T30	TPT30RS	TPT30RS-LCR	±0.3°C
Ni1000	Landis & Gyr	TPRS/Ni1000	TPRSLCR/Ni100	±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 to + 40°C) *	TPRS/40/LCR (-10 to + 40°C) **	±0.4°C
0-10V	3 Wire 24V Supply	TPVRS (0 to + 40°C) *	TPVRS/LCR (0 to + 40°C) *	±0.5°C

### Wiring



3 and 4 wire options available for RTD

### LCR Wiring



### Dimensions

