



ROOM TEMPERATURE SENSOR

Blending design and function

TP-RS FEATURES

- Modern, slimline design
- Accurate measurement of internal room temperature
- Polygiene® anti-microbial product protection
- Quick and simple installation
- Multiple thermistor options

Featuring a sleek, modern and slimline design, the TP-RS Gen 3 Temperature Sensors are designed to measure internal room temperature conditions with a choice of thermistor options.

Quick release button, tamperproof features and pluggable terminals aid the install process and maintenance of the sensors.

All room housings within the Gen 3 product line incorporate certified Polygiene® product protection, designed to proactively inhibit the growth of bacteria on the sensor surface.

SPECIFICATION

Material:	ABS (Flame retardant)
Output:	Resistive
Accuracy:	See table
IP Protection:	IP30
Mounting Location:	Wall mounted 1.5m from floor level
Environmental Conditions:	-10 to +60°C 0-95% RH Non-Condensing
Connections:	Pluggable screw terminals for 0.3 to 1.5mm cable
Recommended Cable:	Screened, twin twisted pair 0.75mm to 1mm. Screen earthed at controller end only.
Country of Origin:	UK
Product Codes:	See table

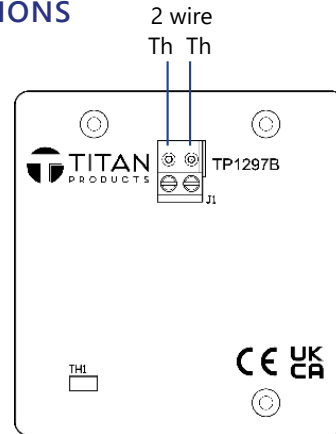


THERMISTOR OPTIONS

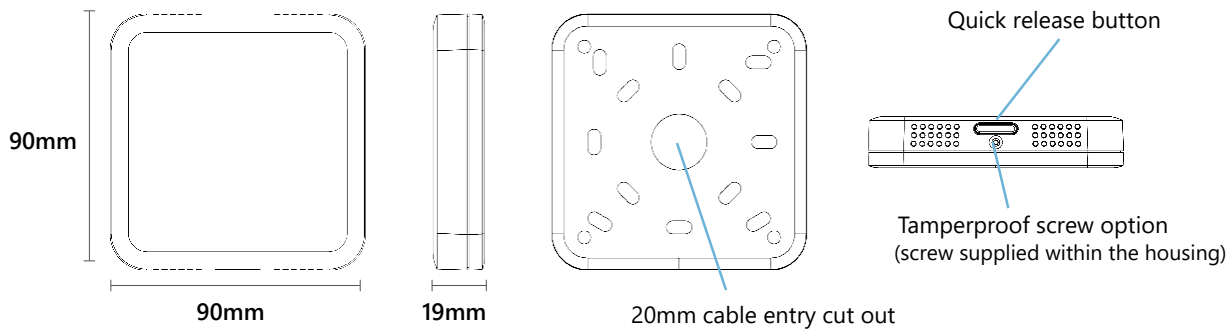
Type	Product Codes	Accuracy
10K3A1	TP-RS-10K3	+/- 0.2°C
10K4A1	TP-RS-10K4	+/- 0.2°C
20K6A1	TP-RS-20K6	+/- 0.2°C
NI1000	TP-RS-NI1000	+/- 0.3°C
PT1000	TP-RS-PT1000	+/- 0.3°C

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

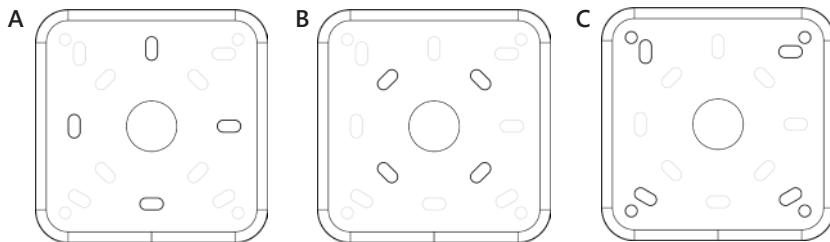
CONNECTIONS



DIMENSIONS



Mounting Options



Option:	Mounting type:	Screw required:
A	Standard UK back box	M3.5 countersunk screw
B	Standard European back box	M3.5 countersunk screw
C	Direct to wall (no back box)	No. 6 (3.5mm counter-sunk wood screw)

INSTALLATION AND MAINTENANCE

- The sensors should be installed by a qualified engineer.
- The room sensor should be mounted in the space at approximately 1.5m from floor level.
- Mount away from the effects of direct sunlight, radiators and supply air ducts.
- Sensor cables should be segregated from any mains carrying conductors and electrical noise emitting equipment such as fluorescent lighting.
- Do not spray any liquid or cleaning products directly onto the ventilated housing.
- Do not obstruct air flow vents.
- Ensure correct screw sizes are used.

For further install and setup information please contact technical@titanproducts.com