Room Temperature Sensor with Setpoint Adjuster

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

The sensor is supplied with a 1-11k local potentiometer for setpoint adjustment. The sensor is available with a range of temperature measurement elements.
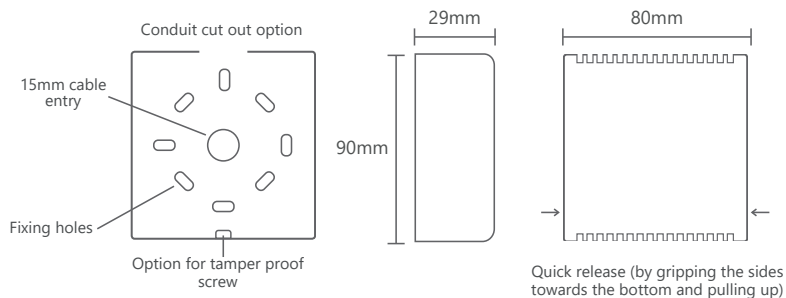
Specification

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	Setpoint Adjuster (LCR) Product Codes	Accuracy
10K3A1	TPTLCR	+/- 0.2˚C
10K4A1	TPALCR	+/- 0.2˚C
20K6A1	TPHLCR	+/- 0.2˚C
Ni1000	TPLCR/Ni1000	+/- 0.3˚C
PT1000	TPPT3LCR	+/- 0.3˚C

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

Dimensions

Conduit cut out option

15mm cable entry

Fixing holes

Option for tamper proof screw

29mm

90mm

80mm

Quick release (by gripping the sides towards the bottom and pulling up)

LCR Wiring

2 wire
1-11k Pot

4 3

2 wire
NTC
Ni1000
RTD

2 1

TITAN Products Ltd.