

Emmeti Product Focus

Remote Sensors



Remote Sensors, concealed and wall-mounted types

Size	Pcs./Pack	Code
Remote sensor NTC 4.7k no casing, 1.5m length	1	U9132011
Remote sensor NTC 4.7k in casing, no lead	1	U9132012
Remote sensor NTC 100k no casing, 1.5m length	1	U9132041
Remote sensor NTC 100k in casing, no lead	1	U9132042
Remote sensor PTC 2k no casing, 1.5m length	1	U9132051
Remote sensor PTC 2k in casing, no lead	1	U9132052

Suitable for use with 230V and 24V electronic thermostats (except touchscreen models) – see table below for details of compatibility. Cased versions must be connected using cable of 1.5mm² minimum cross-sectional area. For technical and installation details please see our website (www.emmeti.co.uk).



Sensor Pocket

Size	Pcs./Pack	Code
Brass Pocket 6mm dia x 33mm	1	U9132310

Brass pocket with a ½" BSPM thread specifically for remote sensors U9132011/41/51.

Selection Table

Description	Emmeti Sales Code	Suitable for	Emmeti sales code
Remote NTC 4.7k sensor in casing no lead	U9132012	Electronic dial room thermostat 24V with LED	U9132013
Remote NTC 4.7k sensor no casing 1.5m lead	U9132011	Electronic dial room thermostat 230V with LED	U9132016
		Electronic NSB room thermostat 230V/24V with LCD	U9132020
		Electronic dial thermostat 230V for heating and cooling	U9132055
		Electronic dial thermostat 24V for heating and cooling	U9132065
		Tamperproof room thermostat 230V	U9132075
		Tamperproof room thermostat 24V	U9132085
Remote NTC 100k sensor in casing no lead	U9132042		
Remote NTC 100k sensor no casing 1.5m lead	U9132041	Programmable thermostat 230V/24V LCD 7 day	U9132040
Remote PTC 2k sensor in casing no lead	U9132052		
Remote PTC 2k sensor no casing 1.5m lead	U9132051	Electronic dial thermostat 230V with LCD	U9132050
		Electronic dial thermostat 24V with LCD	U9132060

Remote Sensors (continued)

Cable mounted sensors U9132011/ U9132041/ U9132051

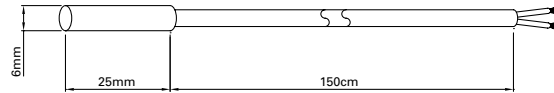
Installation Requirements

Please ensure that the electrical wiring of the installation and connections to and from the thermostat are in accordance with BS 7671, the latest edition of the IET Wiring Regulations.

The remote sensor in casing has been designed for fixed wiring only. Cable access is through the rear of the mounting backplate as shown above. The backplate can be secured either to a flat vertical mounting surface or to a single gang flush mounted wiring box: the fixing centres are at 60mm centres.

The sensor should be positioned about 1.5m from floor level and must not be positioned in draughts, near sources of heat or cold or in direct sunlight.

Full installation instructions are enclosed with each product and can also be obtained from Emmeti UK.



Technical Data

Sensor type	Cased sensor	Cable mounted sensor
	U9132052: PTC 2k $\pm 2\%$ @ 25°C U9132012: NTC 4,7k $\pm 2\%$ @ 25°C U9132042: NTC 100k $\pm 1\%$ @ 25°C	U9132051: PTC 2k $\pm 2\%$ @ 25°C U9132011: NTC 4,7k $\pm 2\%$ @ 25°C U9132041: NTC 100k $\pm 1\%$ @ 25°C
Dimensions:	85 x 85 x 31 mm. (W x H x D)	Probe: Dia - 6mm, Length - 25mm Cable: 1.5m
Enclosure rating:	IP 30	IP65
Working temperature range:	0°C .. 40°C	-25°C .. 80°C
Storage temperature range:	-10°C .. +50°C	-10°C .. +50°C
Humidity limits:	20% .. 80% rH non-condensing	20% .. 80% rH non-condensing
Case:	Material: ABS self extinguishing V0	Cable sheath – PVC Sensor case – Nickel plated brass
	Colour: Case-Signal white (RAL 9003)	
Weight:	c.90g	c.40g