
Underfloor Temperature Sensor

TE-UF

Description:

The TE-UF range of underfloor temperature sensors are designed to interface with a wide variety of HVAC control equipment. Units are available with a high quality thermistor element or platinum element.

The sensor is housed in a stainless steel probe with 2 or 5 metres of cable.

Technical Specification:

Sensor Type:	Thermistor or RTD element - see order codes for options
Accuracy:	Thermistor - $\pm 0.2^{\circ}\text{C}$, $0\ldots 70^{\circ}\text{C}$ RTD - Class A $\pm 0.15^{\circ}\text{C}$ @ 0°C , $\pm 0.35^{\circ}\text{C}$ @ 100°C
Housing:	Stainless Steel Probe 6mm x 55mm with fully encapsulated sensor
Protection:	IP65
Termination:	2 or 5 metres of silicone lead
Ambient:	0°C to 50°C , 0-95% RH non-condensing

Installation:

The TE-UF sensor should be installed by a suitably qualified technician in conjunction with any guidelines for the equipment which it is to be connected to. Field wiring should be installed to satisfy the requirements set out by the manufacturer of the equipment that the sensor is being connected to. As a general rule, screened cable should be used to connect the sensor to a BMS or other controller. Please note that none of the TE-UF sensors are suitable for use with mains voltage.

The TE-UF is designed for a variety of sensing applications. It is recommended that the sensor is installed in conduit to prevent the cable being crushed and it will also enable a replacement to be installed should it fail.

Product Code:

TE-UF/T	Underfloor Sensor - 10K3A1
TE-UF/A	Underfloor Sensor - 10K4A1
TE-UF/TAC	Underfloor Sensor - 1.8K
TE-UF/SAT	Underfloor Sensor - SAT1
TE-UF/3K	Underfloor Sensor - 3K3A1
TE-UF/H	Underfloor Sensor - 20K6A1
TE-UF/D	Underfloor Sensor - 30K6A1
TE-UF/P	Underfloor Sensor - 50K6A1
TE-UF/100	Underfloor Sensor - PT100 RTD
TE-UF/1K	Underfloor Sensor - PT1000 RTD
TE-UF/*-5	Underfloor Sensor - 5 metres

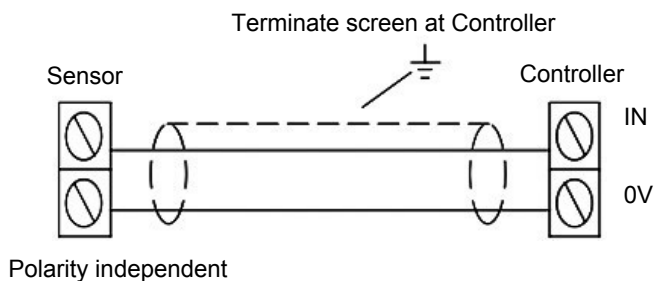
Other sensor types and lengths are available. Contact us for details.



Features:

- 2 and 5 metre cable options
 - Stainless Steel probe
 - Wide choice of sensor options
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Wiring:



Housing Dimensions:

