Flying Lead Temperature Sensors
TE-FL*-S

Description:

The TE-FL range of flying lead 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 encapsulated in a Stainless Steel cap with 2 or 5 metres of cable.

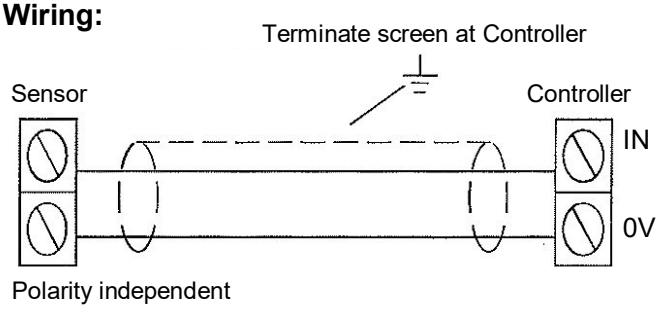
Features:

- 2 and 5 metre cable options
- Stainless Steel sensor cap
- Wide choice of sensor options

Technical Specification:

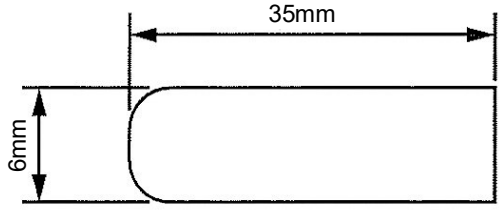
Sensor Type:	Thermistor or RTD element - see order codes for options
Accuracy:	Thermistor - ±0.2ºC, 0...7ºC RTD Class A ±0.15ºC @ 0ºC, ±0.35ºC @ 100ºC
Housing:	Stainless Steel cap 6mm x 35mm
Protection:	IP54
Termination:	2 or 5 metres of PVC flying lead
Ambient:	0ºC to +70ºC, 0-95% RH non-condensing

Wiring:



Polarity independent

Housing Dimensions:



Installation:

The TE-FL sensor should be installed by a suitably qualified technician in conjunction with any guidelines for the equipment which it is 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-FL sensors are suitable for use with the mains voltage.

The TE-FL is designed for a variety of sensing applications. Typically, the sensor is used to sense return air temperature or inserting in a pocket.

The bead should be installed such that the correct air source is passing across it. Often ceiling mounting fan coil units will have tempered fresh air introduced at the inlet grille which is at a different temperature from the return air and can be a factor in providing spurious readings if the bead is in the fresh air stream.

Order Codes:

TE-FLT-S	Flying Lead Temp Sensor - 10KΩ @ 25ºC
TE-FLA-S	Flying Lead Temp Sensor - 10KΩ @ 25ºC
TE-FLTAC-S	Flying Lead Temp Sensor - 1.8KΩ @ 25ºC
TE-FLSAT-S	Flying Lead Temp Sensor - 5025Ω @ 25ºC
TE-FL3K-S	Flying Lead Temp Sensor - 3KΩ @ 25ºC
TE-FLH-S	Flying Lead Temp Sensor - 20KΩ @ 25ºC
TE-FLD-S	Flying Lead Temp Sensor - 30KΩ @ 25ºC
TE-FLP-S	Flying Lead Temp Sensor - 50KΩ @ 25ºC
TE-FL100-S	Flying Lead Temp Sensor - 100Ω @ 0ºC
TE-FL1K-S	Flying Lead Temp Sensor - 1000Ω @ 0ºC

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