

Duct Averaging Temperature Sensor



The duct averaging temperature sensor is designed to measure the average temperature across a duct to eliminate the effects of air stratification.

The sensors copper temperature probe is available in standard lengths of 2.5 and 5.0 metres long with other lengths made to order. For optimum measurement the probe should be fully supported across the duct space to prevent movement and sagging.

Specification

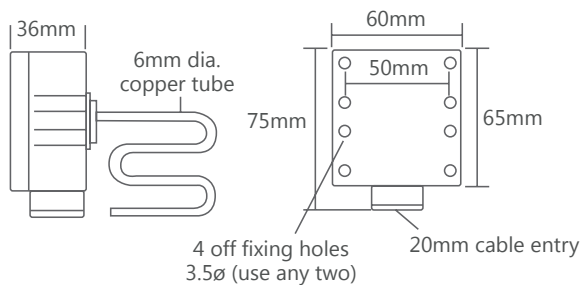
Material:	Body: Flame retardant polycarbonate Probe: 6mm copper tube
Sensing Elements:	10K3A1 or 10K4A1
Accuracy:	+/-0.2°C @ 70°C thermistor
Operating Temperature:	-10 - + 70°C
Terminals:	1.0mm recommended 2.5mm max.
Location:	Duct min. 2m from batteries
Dimensions:	Probe: 2.5m or 5m Body: H60mm x W65mm x D36mm 20mm cable gland entry
Protection:	IP65
Country of Origin:	UK
Product Codes:	See below

Product Codes

Element Type	System Compatibility	Product Codes 2.5m	Product Codes 5m	Accuracy
10K3A1	Trend / Jel / Honeywell / Aquatrol 2000 / Ambiflex / Next / Smart / York	TPTDS/AV/2.5	TPTDS/AV/5	+/- 0.4°C
10K4A1	Andover / Automatrix / York / Siebe	TPADS/AV/2.5	TPADS/AV/5	+/- 0.4°C

Sensor is supplied without cable entry gland (TPCG20). If required, please order separately.

Dimensions



Wiring



The 10K3A1 range of environmental sensors are designed to be used with all Titan BACnet controllers