

Duct mounted temperature sensors

Features

- Wide choice of sensor/output types
- Flame retardant polycarbonate body and probe
- Rated IP65

Description

The sensor element is enclosed in the end of a rigid ventilated polycarbonate tube which is mounted in the air duct. The sensor is available in two standard lengths 150mm or 300mm and with a range of temperature measurement elements.



Specifications

Body material:	Flame retardant polycarbonate
Probe material:	Flame retardant polycarbonate
Sensing elements/output:	Pt100 RTD, Pt1000 RTD, 4-20mA or 0-10V versions available. Thermistor and other sensor types also available, contact supplier
Accuracy:	± 0.3°C for RTD, ± 0.4°C for 4-20mA output, ± 0.5°C for 0-10V output
Ambient temp:	-10 to +70°C
Terminals:	2.5mm ² wire maximum

Order Codes

WS-TPDS/40/S - (150mm probe length, 4-20mA output -10 to +40°C)
WS-TPDS/110/S - (150mm probe length, 4-20mA output -10 to +110°C)
WS-TPDS/40/L - (300mm probe length, 4-20mA output -10 to +40°C)
WS-TPDS/110/L - (300mm probe length, 4-20mA output -10 to +110°C)
WS-TPVDS/40/S - (150mm probe length, 0-10V output -10 to +40°C)
WS-TPVDS/110/S - (150mm probe length, 0-10V output -10 to +110°C)
WS-TPVDS/40/L - (300mm probe length, 0-10V output -10 to +40°C)
WS-TPPT2DS/S - (150mm probe length, Pt100 sensor)
WS-TPPT2DS/L - (300mm probe length, Pt100 sensor)
WS-TPPT3DS/S - (150mm probe length, Pt1000 sensor)
WS-TPPT3DS/L - (300mm probe length, Pt1000 sensor)

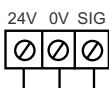
Wiring

2 wire
NTC
Ni 1000
or RTD



3 and 4 wire options
available for RTD

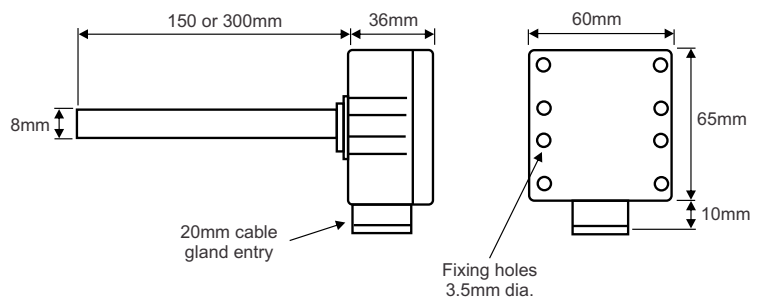
3 wire
0-10V
24V AC/DC



2 wire loop
powered



Dimensions



WSTITANTPD-1.1-0

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