



0-10V TEMP & HUMIDITY DUCT SENSOR

TP-DS-RHT FEATURES

- Accurate measurement of temperature and humidity
- Robust housing designed to be mounted in ductwork
- Quick and simple installation

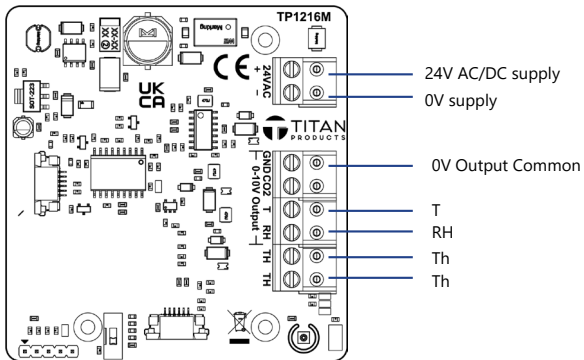
Featuring a robust housing for duct applications, the TP-DS-RHT provides 0-10V signals for relative humidity and temperature conditions in the measured space and incorporates a second resistive 10K3A1 temperature output with other thermistor types available on request.

SPECIFICATION

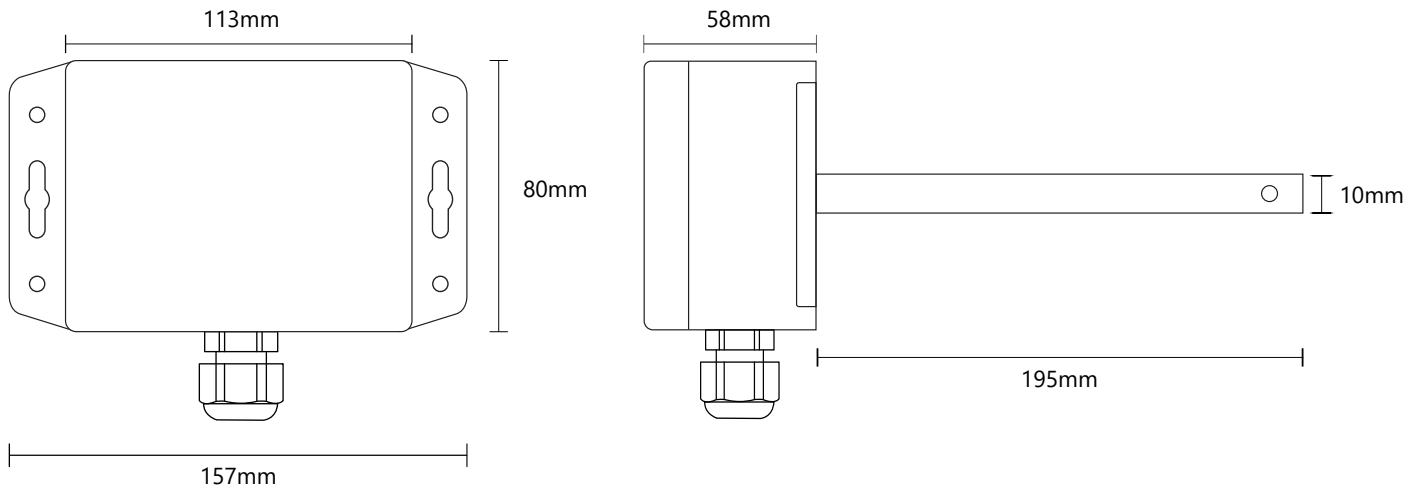
Material:	Flame Retardant Polycarbonate
Supply:	24VAC/DC +/-10%
Power Consumption:	45mA
Outputs:	0-10V (0-100%RH) 0-10V (0-50°C) 10K3A1 Resistive
Accuracy:	Humidity: +/- 2%RH Temperature: +/- 0.2°C
IP Protection:	IP65
Environmental Conditions:	-10 to +60°C 0-95% RH Non-Condensing
Connections:	Pluggable screw terminals for 0.3 to 1.5mm cable
Recommended Cable:	Screened, twin twisted pair 0.75mm to 1mm. Screen earthed at controller end only.
Country of Origin:	UK
Product Codes:	TP-DS-RHT-V-10K3



CONNECTIONS



DIMENSIONS



INSTALLATION AND MAINTENANCE

- The sensor must be installed by a competent and suitably qualified person and maintained within its stated operating environment
- Sensor cables should be segregated from any mains carrying conductors and electrical noise emitting equipment such as fluorescent lighting.
- Ensure correct screw sizes are used.

For further install and setup information please contact technical@titanproducts.com