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T+RH TRANSMITTER FOR OUTDOOR

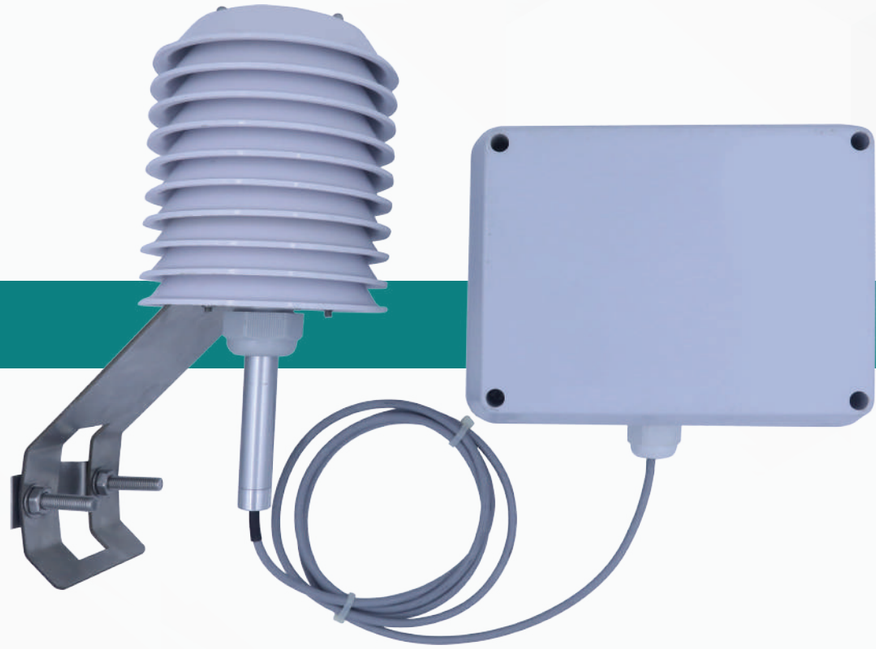
SERIES TRH01OD

T+RH TRANSMITTER FOR OUTDOOR SERIES TRH01OD

Futuristic Temperature and Humidity Transmitter for Outdoor TRH01OD is designed to reduce effects of high humidity, condensation or fog and is suitable for measuring Temp. & RH of environment at outdoor locations.

TRH01OD series provides 4-20mA/ 0-10 VDC for Temp & RH, RS485 Modbus communication is Optional. It works on 24VDC/AC power. It offers ±2% RH accuracy.

TRH01OD series transmitters are provided with sensor probe with 2 mtr cable. A Shield for protecting sensor probe from harsh environment, Transmitter is fitted inside an outdoor enclosure, IP67 with 2" pipe mount clamp.



SPECIFICATIONS

Relative Humidity	
RH Sensing Technology	: Polymer based Capacitive sensor
RH Measurement Range	: 0% to 100%
RH Accuracy	: ±2% @ 25°C for 10 to 90% RH
RH Resolution	: 0.01%
RH Repeatability	: ±0.1% typical
RH Response time	: 4 Secs (t 63%)
RH Long term drift	: <0.2 % RH Per year
RH Output	: 4-20mA @500 ohms
Temperature	
Temp. Range	: 0 to + 70°C
Temp. Accuracy	: ± 0.2°C
Temp. Resolution	: 0.01 °C
Temp. Repeatability	: 0.04 °C typical
Temp. Response time	: 2 Secs (t 63%)
Temp. Long term drift	: <0.03°C Per year
Temp. Output	: 4-20mA @500 ohms
Supply Voltage	: 24VDC / 24VAC ±10 %
Communication Port	: RS485, Modbus, Optional
Operating Temperature	: -25° to 50°C
Transmitter Enclosure	: ABS, IP67 with 2" pipe mount bracket
Sensor Probe	: Anodized Aluminum with 2 mtr cable
Radiation Shield for Sensor Probe	: ABS Plastic with pipe mount bracket

ORDERING CODE

T+RH Transmitter Series	TRH01OD			
Mounting Type	XX	S1	Probe with 2 Mtr Cable	
Transmitter1 / Output1	XX	NN	None	
		TA	Temp / 4-20mA	
		TV	Temp / 0-10 VDC	*Note1
Transmitter2 / Output2	XX	NN	None	
		RA	RH / 4-20mA	
		RV	RH / 0-10VDC	*Note1
Comm. Port	X	N	None	
		1	RS485, Modbus	*Note2
Display	XX	NN	Without Display	

*Note1 : If Output1 is 0-10VDC, Output2 shall also be selected 0-10VDC
*Note2 : If Comm. Port is selected RS485 Modbus, Output 1 & 2 shall be NN