



# TRH02

## TEMPERATURE & HUMIDITY TRANSMITTER



TRH02\_DS\_IR01\_25012024

Futuristic Duct-mounted Temperature & Humidity Combination transmitters TRH02 represent a pinnacle of accuracy and stability, featuring highly precise sensors with a dual output of 4-20mA.

The capacitive basic sensor used in these transmitters remains unaffected by condensation, ensuring top-of-the-line long-term stability.

### FEATURES

- **Dual Output Options:**  
4-20mA and 0-10V DC, providing separate signals for temperature and humidity.
- **Temperature Compensated Output:**  
Ensures accurate and reliable readings by compensating for temperature variations.
- **Condensation Resistance:**  
Polymer capacitive sensor design ensures no impact on output and stability even in the presence of condensation.

## SPECIFICATIONS

Sensor Type	Polymer capacitive sensing for Temperature & Humidity
Humidity Range	0.0 to 100.0%
Humidity Accuracy	±2%
Temperature Range	0.0 to +70.0 Deg. C (Optional customized Ranges available)
Temperature Accuracy	±0.5 Deg.C
Output	4 Wire Output, 4-20mA / 0-10VDC, 1 Each for Temperature & Humidity
Operating Humidity Range	0...95% R.H. Non Condensing
Power Supply	24 VDC, 100mA Typical
Enclosure Rating	IP65
Size	80 x 80 x 55 ( Lx B x D ) for Electronics Enclosure SS Probe: 8mm Diameter & 250 mm Length

\*\*Design and specifications are subject to change without notice

## SPECIFICATIONS

T+RH Transmitter Series	TRH02		
Mounting Type	XX	WN	Wall Mount
		D1	Duct mount, Probe Length 250 mm
Transmitter1 / Output1	XX	NN	None
		TA	Temp. / 4-20mA
		TV	Temp. / 0-10 VDC
Transmitter2/ Output2	XX	NN	None
		RA	RH / 4-20mA
		RV	RH / 0-10 VDC
Comm. Port	X	N	None
		1	RS485, Modbus
Display	XX	NN	Without display
		D1	Dual LED Display

For Example: TRH02-WN-NN-NN-1-NN



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