

4 to 20 mA IOT transmitter

HUMIDITY/TEMPERATURE TRANSMITTER

Model : TRRH-301

ISO-9001, CE, IEC1010

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The Art of Measurement

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FEATURE

- * Hight precision Humidity/Temp. sensor
- * Protection for the reveise wires connecting
- * Fast humidity measuring response time.
- * Use the fore wire , 4 to 20 mA humidity & temperature transmitter can coperate the option controller/indicator or the datalogger system.
- * 4-wire installation.
- * Linear current output .
- * Easy installation and connection.
- * Humidity range 5 ~ 95 %RH.
- * Temperature range 0°C~50°C .
- * Small and Hight precision sensor.

GENERAL SPECIFICATION

Measurement	Humidity, Temprature
Analog output	Analog output: 4 to 20 mA. * <i>linear to temperature.</i>
Loop impedance	Max. 500 Ω @24 V DC.
Power supply	Isolated Power 12VDC to 30VDC@20 mA. * <i>Ripple< 2.5%</i>
Operation Temp.	0°C to 70°C /32°F to 158°F.
Operation humidity	Max. 85% RH.
Dimensions	120 mm x 96 mm x 43 mm.
Weight	164 g.
Enclosure rating	IP63
Dimension	<i>Meter</i> :182 x 73 x 47.5 mm <i>Humidity, Temperature probe:</i> 197 mm (7.8 inch) in length , Cable length : 1.2 meter.
Accessories Included	Instruction manual 1 PC Humidity/Temp. probe 1 PC

ELECTRICAL SPECIFICATIONS (23±5 °C)

Humidity	Range	5 % to 95 % R.H.
	Resolution	0.1 % R.H.
	Accuracy	$\geq 70\%$ RH : $\pm(3\%$ reading + 1% RH). < 70% RH : $\pm 3\%$ RH.
Temperature	Range	0 °C to 50 °C.
	Resolution	0.1 degree
	Accuracy	± 0.8 °C.

* Appearance and specifications listed in this brochure are subject to change without notice.

TRRH-301+190808A

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