

HUMIDITY & TEMPERATURE TRANSMITTER

Features

- Fast, Stable and Accurate
- IP 65 - Watertight enclosure
- Excellent long term stability
- Onsite two point calibration

Typical Areas of Application

- Climatic Rooms/Chambers
- HVAC Installations
- Green Houses
- Paper Industries
- Incubators, Ovens
- Textile Industries
- Storage Area
- Food Processing Industries
- Fruit/Vegetable Storage

Model : EQ-TRH304W



TRH-30x Series uses a thin film polymer capacitor to sense Relative Humidity & a thin film RTD to accurately sense Temperature. The Output signal given is 4 - 20 mA analog output requiring a current loop supply of 12 - 30 VDC. The electronics is housed in a watertight IP-65 enclosure.

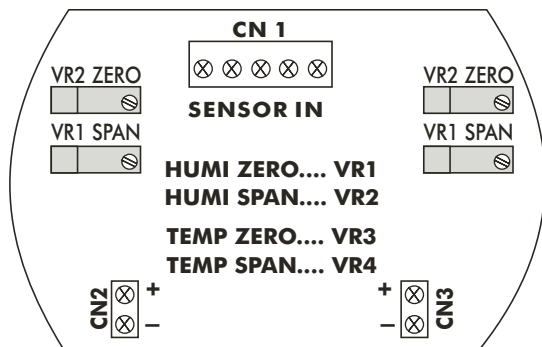
SPECIFICATIONS

Measuring Range	5 to 95% RH 0 to 70°C
Accuracy @ 25°C	± 2% RH , ± 0.3° C
Sensors	Humidity : Thin-film Capacitor Temperature : Pt100
Electronics Operating temp	0 to 50°C
Response	<15 sec
Long-term Stability	Better than 1% RH per year
Output	4-20mA (0~100%RH; 0~100°C) other outputs on request
Load Resistance	Maximum 300 Ohms
Supply Voltage	12 to 30 VDC
Housing	ABS plastic watertight enclosure
Protection	IP-65
Weight	Approx 180gms

Ordering Information

Model	DESCRIPTIONS	
TRH - 304	Temperature Transmitter	
TRH - 305	Humidity Transmitter	
TRH - 306	Humidity / Temperature Transmitter	
SHAPE (Mounting)	W	Wall Mount Type
	D	Duct Mount Type
	S	Separated Type

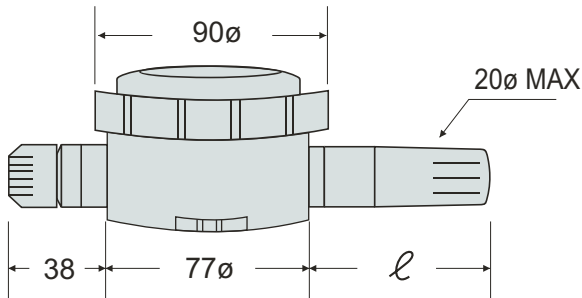
On-Site Calibration & Wiring



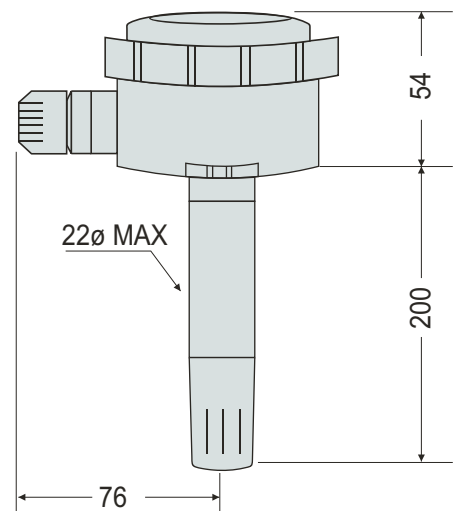
- VR 2 ZERO Humidity
- VR 1 SPAN Humidity
- VR 3 ZERO Temperature
- VR 4 SPAN Temperature
- CN 1 Sensor Input
- CN 2 Output Humidity
- CN 3 Output Temperature

EXTERNAL DIMENSIONS

WALL MOUNT TYPE

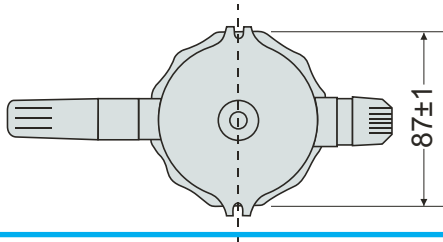


DUCT MOUNT TYPE



MOUNTING

Used by 3-4mm or 1/8" screw for mounting



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