

Two Wire Relative Humidity or Temperature Transmitter (Replaceable Sensor Feature)



HTT01

Device Features

- Replaceable Sensors and Sensor Filter
- Calibrated Microprocessor Temperature and Humidity Sensor
- 16-36Vdc Supply Voltage
- Two-Wire Connection
- 40...+85°C Measurement Range
- For Temperature or Humidity Analog Output (4-20mA)
- IP65 Protection
- High Measurement Accuracy
- High Precision in Output, Low Temperature Drift

HTT01 Series devices are electronic devices that enable the relative humidity or temperature data in industrial environments to be converted to a standard 4-20mA analog signal and sent to another system. They are ergonomic devices whose compliance with international standards, reliability and ease of use have been ensured at the design stage. For this reason, they are the devices that can be used and preferred for many applications in many sectors.

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Technical Specification

Power Supply (PS)	24 VDC
Measurement Range	Temperature : -40...+85°C Relative Humidity : 0...100%Rh
Resolution	Temperature : 0,1°C Relative Humidity : 0,1%Rh
Accuracy	Temperature : +/-0,3°C (Typ) Relative Humidity : +/-2%Rh (Typ)
Hysteresis	Temperature : +/-0,1°C Relative Humidity : +/-1%Rh
Environment Temperature	-30...55°C
Electrical Connection	Screw Terminal Block Storage : -40...+85°C
Dimensions	Width = 58 mm Height = 117 mm Depth = 35 mm
Weight	120 gr

Device Connection

1	2
PS 16-32V DC	GND

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Measure Information :

- 1 = Temperature
- 2 = Humidity

Mounting Shape :

- 0 = Wall Type
- 1 = Channel Type
- 2 = Cable Type

Sensor Rod Length :

- 0 = 6,5 cm
- 1 = 10 cm
- 2 = 20 cm
- 3 = 30 cm

Filter Type :

- 1 = Sinterized Bronze
- 2 = Teflon
- 3 = Stainless Sinterized

Sensor Connection :

- 0 = N/A
- 1 = Flange
- 2 = 1/2" Fixed Raccord
- 3 = 1/2" Adjustable Raccord

Cable Length :

- 0 = N/A
- 1 = 2 m
- 2 = 5 m
- 3 = 10 m
- 4 = 15 m
- 5 = 20 m
- 6 = 25 m
- 7 = 30 m
- 8 = 35 m
- 9 = 40 m