Relative Humidity and Temperature Transmitter
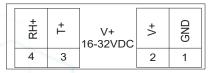
HTT02
(Replaceable Sensor Feature)

HTT02 Series devices are electronic devices that enable the relative humidity and 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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Device Features

Replaceable Sensors and Sensor Filter
Calibrated Microprocessor Temperature and Humidity Sensor
16-36Vdc Supply Voltage
-40...+85°C Measurement Range
For Temperature and Humidity Analog Output-
(0/4-20mA, 0/2-10V)
Ip65 Protection
High Measurement Accuracy
High Precision in output, low Temperature drift

Technical Specifications

Supply Voltage (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

RH+	T+	V+ 16-32VDC	V+	GND
4	3		2	1

HTT02 - °C Rh / _ _ _ / _ / _

Analog Outputs :
0 = N/A
1 = 4-20 mA
2 = 0-10Vdc
3 = 0-20 mA
4 = 2-10Vdc

Mounting Shape :
0 = Wall Type
1 = Channel Type
2 = Wired Type

Sensor Rod Lenght :
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 = ½" Fixed Raccord
3 = ½" Adjustable Raccord

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

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