Relative Humidity and Temperature Transmitter

HTT08

HTT08 Series devices are electronic devices that enable the relative humidity and temperature data in industrial environments to be converted to a standard 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.
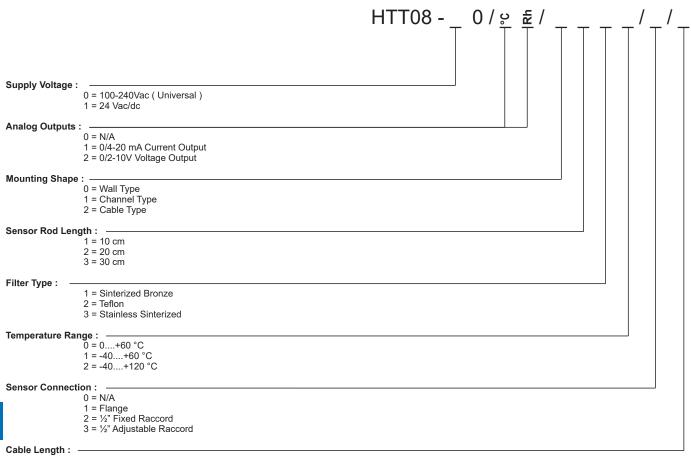
Device Features

2 pcs Analog Output (0/4-20mA, 0/2-10V)
100-240Vac Universal or 24Vac/dc Supply
-40...+120°C Sensor Temperature Range
Wall Type and Wired Type Mounted Options
2 Different Protective Filter Options
100 ms Sampling and Control Cycle

Device Connection

7	8	9	10	11	12
Out 1 °C	Out –	Out 2 %Rh	NC	L	N
Analog Outputs			Supply Voltage		

Technical Specifications

Supply Voltage (PS)	100-240Vac/dc +10%, -15% 24Vac/dc +10%, -20%
Power Consumption	3W, 5VA
Measurement Range	Temperature : -40...+120°C Relative Humidity : 0...100%Rh
Analog Outputs	Current : 0/4-20mA (RL≤500Ω) Voltage : 0/2-10V (RL≥1MΩ)
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 : +/-0,1%Rh
Operating 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

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HTT08 - _ 0 / °C Rh / _ _ _ _ / _ / _

Supply Voltage :
0 = 100-240Vac (Universal)
1 = 24 Vac/dc

Analog Outputs :
0 = N/A
1 = 0/4-20 mA Current Output
2 = 0/2-10V Voltage Output

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

Sensor Rod Length :
1 = 10 cm
2 = 20 cm
3 = 30 cm

Filter Type :
1 = Sinterized Bronze
2 = Teflon
3 = Stainless Sinterized

Temperature Range :
0 = 0....+60 °C
1 = -40....+60 °C
2 = -40....+120 °C

Sensor Connection :
0 = N/A
1 = Flange
2 = ½" Fixed Raccord
3 = ½" 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

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