

Relative Humidity and Temperature Transmitter



HTT11

(For Intense Humidity Environment Of 90% And Above)

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, Channel Type and Wired Type Mounted Options
- 3 Different Protective Filter Options
- 100 ms Sampling and Control Cycle

HTT11 Series devices are electronic devices that allow over 90% relative humidity and temperature data in industrial environments to be sent to another system by converting it into a standard analog signal. 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 devices that can be used easily and preferred for many different applications in many sectors.

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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: +/-1°C (-20°C...+70°C) +/-2°C (-40°C...+120°C) Relative Humidity : +/-2%Rh (10%RH...90%RH) +/-4%Rh (0%RH...100%RH)
Repeatability	Temperature : +/-0,1°C Relative Humidity : +/-0,1%Rh
Sampling Period	100 ms
Operating Temperature	Device : -10°C...+60°C Sensor : -40°C...+120°C
Storage Temperature	-20°C...+70°C
Memory	100 Years, 1000.000 Renewable
Weight	210 gr

Product Code

HTT11 - 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 : _____

- 2 = PTFE (Teflon)

Temperature Range : _____

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

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

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