

HTT10

RELATIVE HUMIDITY AND TEMPERATURE TRANSMITTER User guide



DEVICE DESCRIPTION

HTT10 serial devices are electronic devices that enable the relative humidity and temperature in industrial environments to be converted into standard analog signals and sent to another system. In the design phase, compliance with international standards, reliability and ease of use are based. For this reason, they are devices that can be used easily and preferred for many different applications in many sectors.

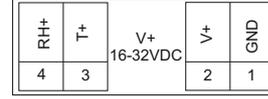
WARNINGS

- Before using the device, carefully read the following warnings and this user manual. Responsibility for accidents and damages caused by non-compliance with the warnings in this manual belongs to the user.
- This device has been produced for use by trained personnel in industrial establishments, do not use it at home and similar places.
- Liquid substances and metal parts must be prevented from entering the device by the user.

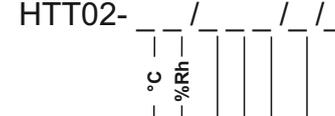
In case of breakdown of the device, absolutely take precautions to prevent accidents and damages that may occur in the system where it is located.

- Sensor and signal cables should not be close to high current and voltage power cables.
- Do not energize the device before making the connections related to the device in accordance with the connection diagram.
- The configuration settings of the device at the factory must be changed by the user according to the needs of the current system. Responsibility for accidents and damages caused by incorrect configuration belongs to the user.
- The useful life of the device, as determined and announced by the Ministry, is 10 years.
- Do not modify or try to repair the device, the device should be repaired by authorized service personnel.

CONNECTION DIAGRAM



PRODUCT CODE



Analog Outputs :

- 0 = No
- 1 = 4-20mA
- 2 = 0-10VDC
- 3 = 0-20mA
- 4 = 2-10VDC

Mounting Type:

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

Sensor Rod Length :

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

Filter Type:

- 1 = Sintered Bronze
- 2 = PTFE (Teflon)
- 3 = Stainless Sintered Filter

Sensor Connection:

- 0 = No
- 1 = Flange
- 2 = 1/2" Fixed Record
- 3 = 1/2" Adjustable Union

Cable Length :

- 0 = No
- 1 = 2m
- 2 = 5m
- 3 = 10m
- 4 = 15m
- 5 = 20m
- 6 = 25m
- 7 = 30m

TECHNICAL SPECIFICATIONS

Supply Voltage PS	16...36VDC	
Measuring Range	Temperature : -40...+85°C	Relative Humidity: 0...100%
Resolution	Temperature : 0,1°C	Relative Humidity: 0.1%RH
Accuracy	Temperature : +/-0,3°C	Relative Humidity: +/-2%RH
Hysteresis	Temperature : +/-0,1°C	Relative Humidity: +/-1%RH
Operating temperature	-40...+70°C	
Electrical Connection	Screw Terminal Block	
Size	Width :58mm Height :117mm Depth :35mm	
Weight	120gr	