Tongdy TGP-THP-210 Wall Mounted Temperature Humidity Transmitter LCD Display (RS485)

SKU: TONTGPTHP210
Manufacture warranty period: 12 months
Country of Origin: China

Features

- Designed for detection and output temperature and relative humidity with high accuracy
- External sensors design let the measurements more accurate, no influence from components heating
- Combined both humidity and temperature sensors seamlessly with the digital auto compensation
- Outside sensing probe with more accuracy and convenient usage
- Special white backlit LCD can be selected with displaying both actual temperature and humidity
- Smart structure for easy mounting and disassembly
- Attractive appearance for different application places
- Temperature and humidity fully calibration
- Very easy mounting and maintenance, two lengths selectable for the sensor probe
- Provide two linear analog outputs for humidity and temperature measurements
- Modbus RS485 communication
- CE-Approval

Typical Applications

- High end HVAC systems
- Ventilation systems
- Clean rooms
- Green houses
- Detection and display temperature and RH measurements
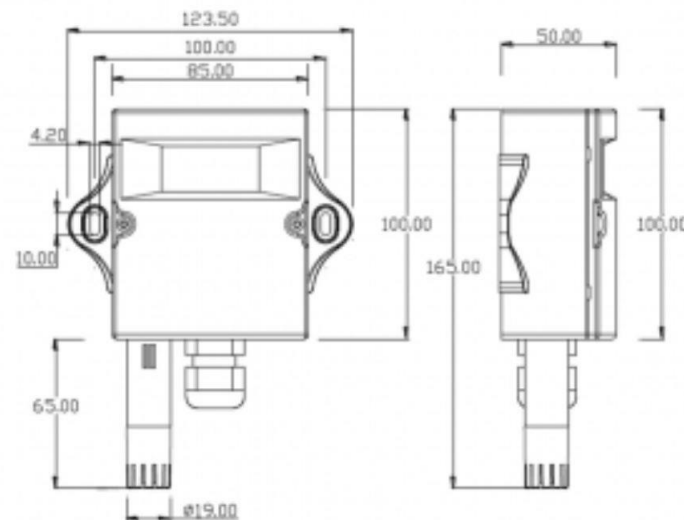- Modbus communication systems

Specifications

- Temperature
    - Accuracy: ±0.4℃ @20℃)
    - Range: 0℃~50℃
    - Display resolution: 0.1℃
    - Stability: ±0.1℃
- Humidity:
    - Accuracy: ±3%RH (20%-80%RH)
    - Range: 0 -100%RH
    - Display resolution: 0.1%RH
    - Stability: ±1%RH per year
- Storage environment: 10℃-50℃, 20%RH~60%RH
- Output: Modbus RS485 communication
- Power supply: 24VDC/24VAC ±20%
- Power cost: ≤1.6W
- Permissible load: Max. 500ohm (4~20mA)
- Connection: Screw terminals/ wire diameter: 1.5mm2
- Housing: PC/ABS fireproof material
- Protection class: IP40 class
- Dimension: 85(W) x 100(H) x 50(D)mm + 65mm (extend probe) x diameter19.0mm
- Net weight: 280g

Package inclusive:

- TH Transmitter
- User Manual

Wiring Diagrams

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