



HRTM-D20E

Temperature and Humidity Module

Product Manual



1. Application:



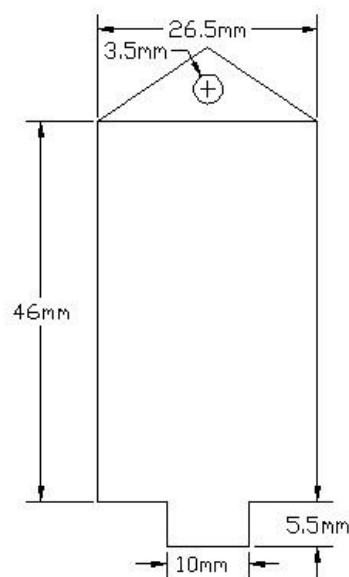
Warehousing, tobacco, pharmaceutical, temperature and humidity instruments, humidification equipment, dehumidification equipment, high-grade air conditioners and other products.

2. Electrical parameters:

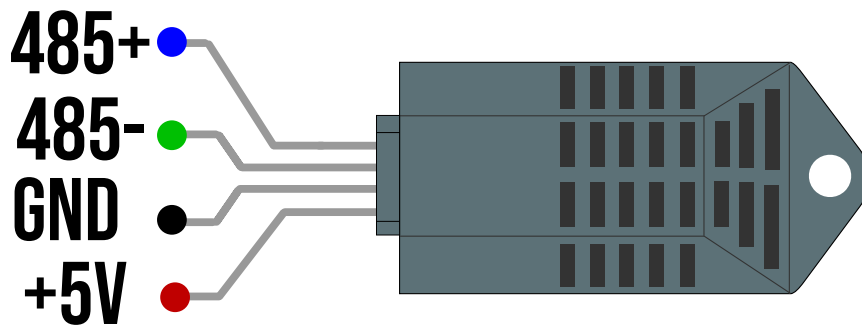
Temperature sensitive element	Imported thermistor
Humidity sensor	Imported humidity sensitive resistance
Input mode	Rs-232 / rs-485 (default rs-485)
Address code of the beacon module	1 ~ 32(default: 1)
Volume baud rate	9600/19200/38400(default: 9600)
DC power supply voltage	DC 5V \pm 10%
Power consumption	< 0.1w
Temperature detection range	- 20 ~ 80 °C
Temperature Accuracy	\pm 0.5°C
Humidity detection range	0 ~ 100%RH
Humidity detection accuracy	\pm 5%RH

Resolution	0.1 °C (temperature) 0.1% RH (humidity)
Long-term stability:	0.1 °C / y (temperature) 1% RH/y (humidity)
Response time	< 15 s (1 m/s wind speed)

3. Dimension: (mm)



4.Wiring method:



User guide of HRTM-D20E Temperature and humidity module(5V)

5. Precautions:

- 1) Avoid opening the sensor case to avoid touching the wetted components;
- 2) Avoid using the components for a long time in the environment of condensation and drying and containing strong oxidizing gases such as salt spray, sulfur dioxide, hydrochloric acid;
- 3) Avoid reverse polarity of the power supply