

HHT2M1HH2M1 Voltage-output humidity and temperature sensor

Feature & Application:

- Full range temperature compensated!
- Good price, Fast delivery!
- 0-3V DC output !
- Humidity Accuracy +/-3.0%RH!
- Range 0 to 100% RH !
- Light weight, easy installation!



The outstanding accuracy over the entire range is based on very precise calibration methods and on the latest microprocessor technology. Well-proven Aosong capacitor-element humidity sensor ensure excellent long-term stability.

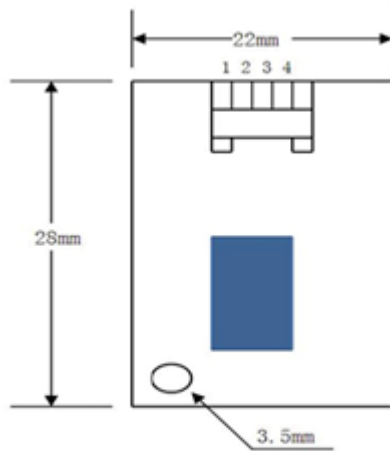
Model: HHT2M1 can detect relative humidity and temperature, Model HH2M1 can only detect relative humidity.

Technical Specification:

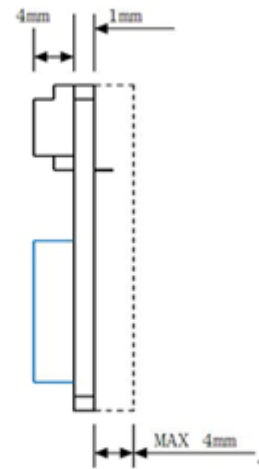
Model	HHT2M1/HH2M1
Power supply	4.5-6V DC
Output signal	0- 3V DC voltage for RH, 0-0.8V DC for temperature
Sensing element	Polymer capacitor
Operating range	humidity 0-100%RH; temperature 0-80Celsius
Accuracy	humidity +/-3%RH(Max +/-5%RH); temperature <+/-1Celsius
Resolution or sensitivity	humidity 0.1%RH; temperature 0.1Celsius
Repeatability	humidity +/-1%RH; temperature +/-0.2Celsius
Humidity hysteresis	+/-0.3%RH
Long-term Stability	+/-0.5%RH/year
Interchangeability	fully interchangeable
Response time	<10s

Dimensions size 22*28*5mm

Dimensions: (unit----mm)



Front view



Side elevation

Electrical connection diagram:

No. Of electrical joint	Explanation
1	Power 4.5-6V DC
2	Output of RH 0-3V DC
3	Gnd
4	Output of temp. 0-0.8V DC

Diagram 1

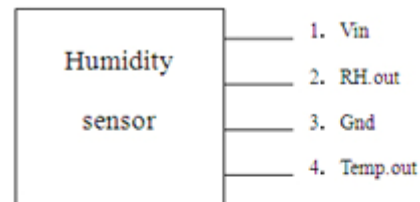


Diagram 2

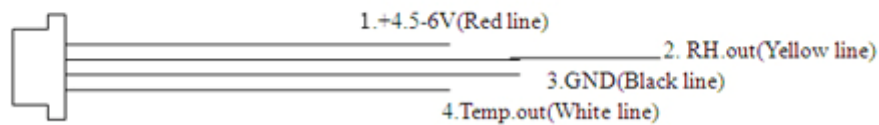
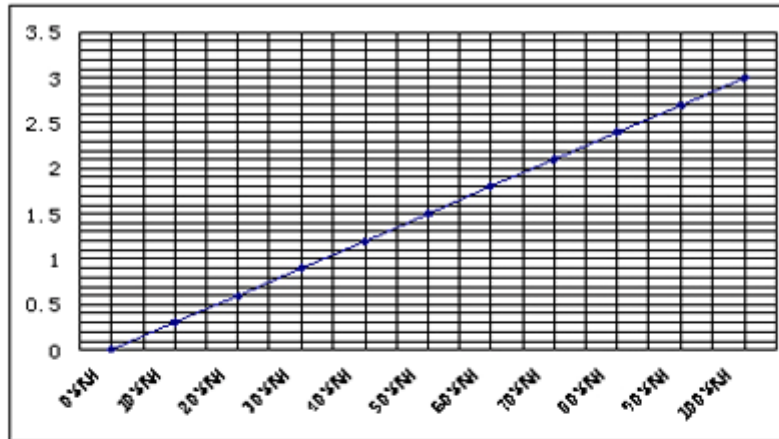


Diagram 3

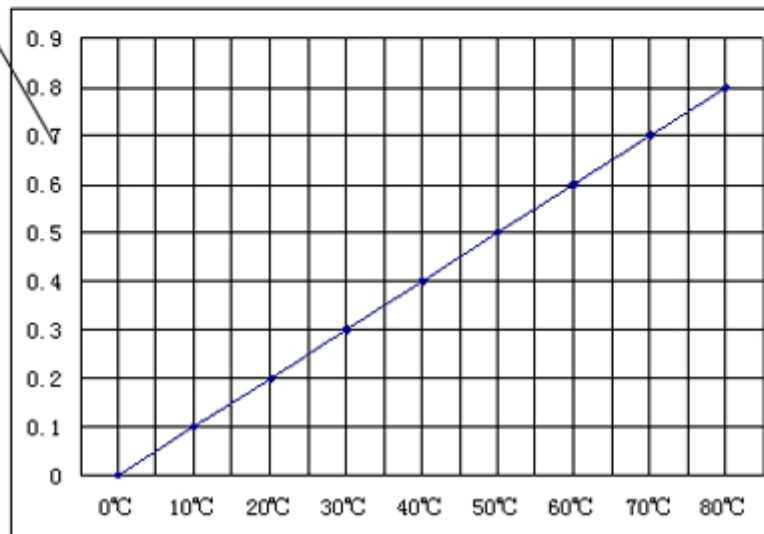
Typical performance diagram:

Voltage



RH

Voltage



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