

Voltage-output relative humidity sensor/module

Model: MM1001



Resistive humidity sensor/module

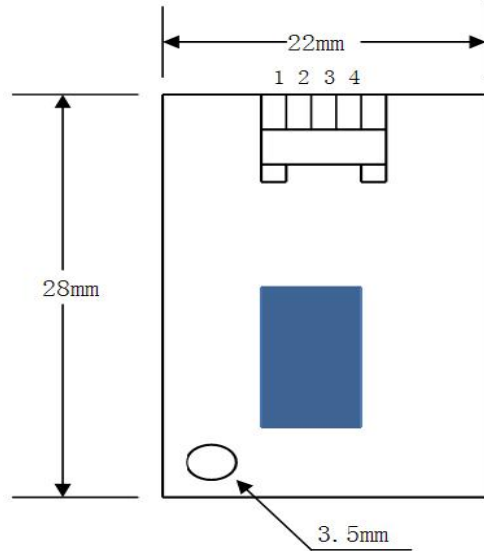
1. Feature & Application:

- Temperature compensated!
- Good price, Fast delivery!
- 0.6-2.7V DC output !
- Humidity Accuracy +-5.0%RH!
- Range 20 to 90% RH !
- Light weight, easy installation!

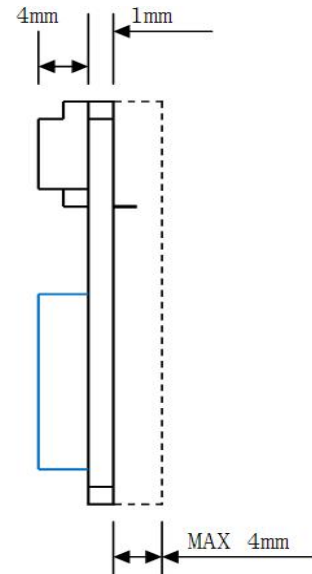
2. Technical Specification:

Model	MM1001
Power supply	4-5.5V DC
Output signal	0.6- 2.7V DC
Sensing element	Polymer resistor
Detecting range	20-95%RH;
Ambient temp. range	0~60Celsius
Accuracy	humidity +-5%RH
Resolution or sensitivity	%RH;
Repeatability	+-1%RH;
Humidity hysteresis	+-1%RH
Long-term Stability	+-1%RH/year
Response time	10s(average)
Interchangeability	fully interchangeable
Dimensions	size 22*28*5mm

3. Dimensions: (unit----mm)



Front view



Side elevation

4. Electrical connection diagram:

No. Of electrical joint	Explanation
1	Power 4-5.5V DC
2	Output of RH 0.6-2.85V DC
3	Gnd

Diagram 1

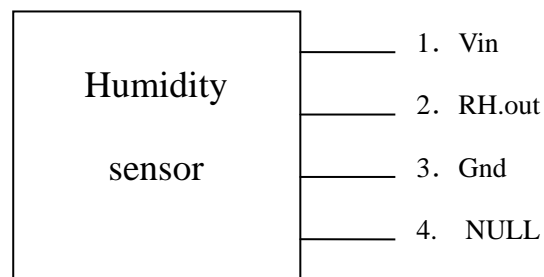


Diagram 2

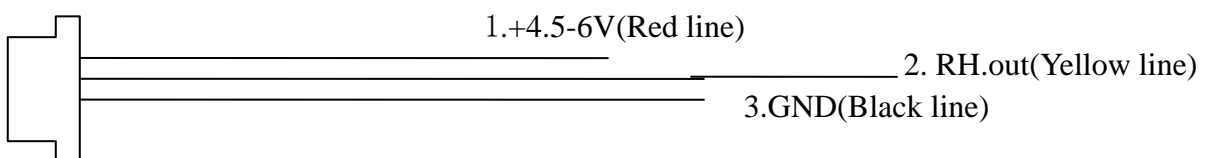
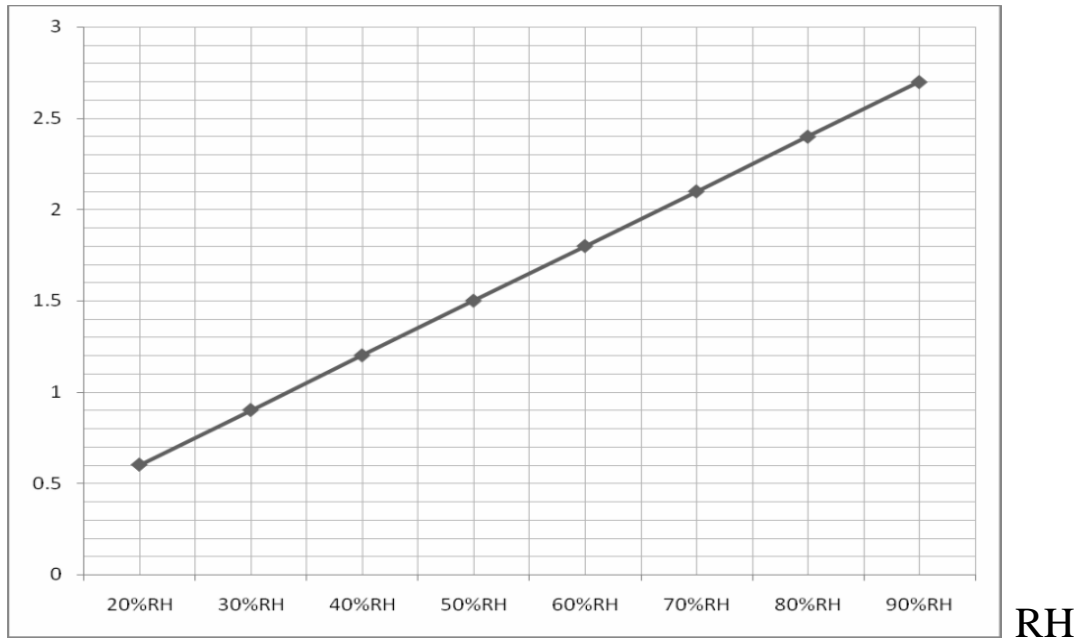


Diagram 3

5. Typical performance diagram:

Voltage



6. Output for Relative Humidity

Relative humidity (%RH)	20	30	40	50	60	70	80	90	95
Voltage Output (V)	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	2.85