



Capacitive humidity sensor --**Voltage output, Model: MM2001/MMT2001**

## 1. Feature & Application:

- \*Full range temperature compensated
- \*0-3V DC output for humidity
- \*Humidity Accuracy  $\pm 3.0\%RH$
- \*Range 0 to 100% RH
- \*Light weight, easy installation

The outstanding accuracy of MM2001/MMT2001 over the entire range is based on very precise calibration methods and the latest microprocessor technology. Well-proven MaxDetect capacitive humidity sensor ensure excellent long-term stability.

## 2. Technical Specification:

Model MM2001 only detect relative humidity, MMT2001 detect relative humidity and temperature both.

Model	<b>MM2001</b>
Power	4.5-6V DC
Output signal	0- 3V DC for humidity
<b>Accuracy</b>	<b>humidity <math>\pm 3\%RH</math></b>
Working range	humidity 0-100%RH, temperature 0~80 Celsius
Resolution or sensitivity	humidity 0.1%RH;
Humidity hysteresis	$\pm 0.3\%RH$
Long-term Stability	$\pm 0.5\%RH/year$
Interchangeability	fully interchangeable
Response time	<10s
Dimensions	size 58*16*18mm(length*width*height)

Model	<b>MMT2001</b>
Power	4.5-6V DC
Output signal	0- 3V DC for humidity, 0~0.8V DC for temperature
<b>Accuracy</b>	<b>humidity +-3%RH, temperature +-0.5 Celsius</b>
Working range	humidity 0-100%RH, temperature 0~80 Celsius
Resolution or sensitivity	humidity 0.1%RH, temperature 0.1 Celsius
Humidity hysteresis	+0.3%RH
Long-term Stability	+0.5%RH/year
Interchangeability	fully interchangeable
Response time	<10s
Dimensions	size 58*16*18mm(length*width*height)

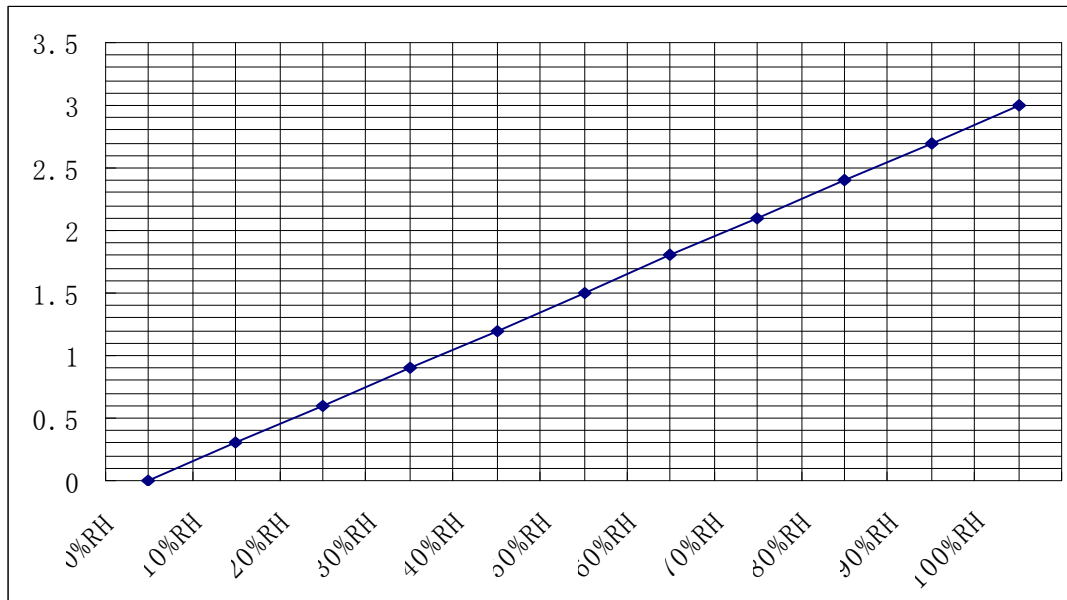
### 3. Electrical connection:

MM2001	
Red wire	Power supply
Yellow wire	Humidity output
Black wire	GND

MMT2001	
Red wire	Power supply
Yellow wire	Humidity output
White wire	Temperature output
Black wire	GND

### 4. Typical performance diagram

**Voltage**



**RH**

## Voltage

