



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	MM2001
Power	4.5-6V DC
Output signal	0- 3V DC for humidity
Accuracy	humidity $\pm 3\%RH$
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	MMT2001
Power	4.5-6V DC
Output signal	0- 3V DC for humidity, 0~0.8V DC for temperature
Accuracy	humidity +-3%RH, temperature +-0.5 Celsius
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)

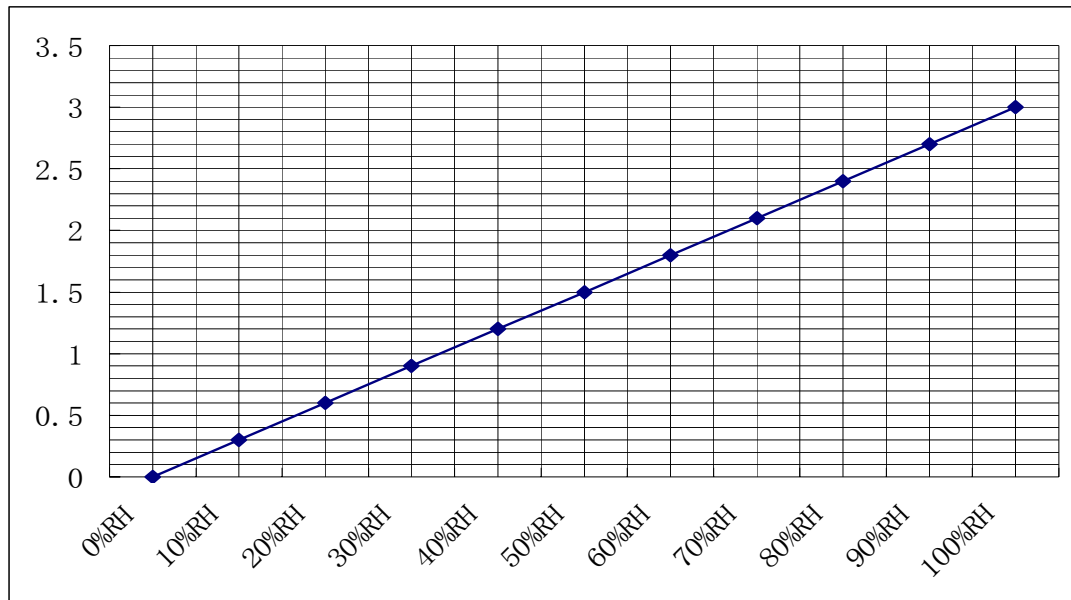
3. Electrical connection:

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

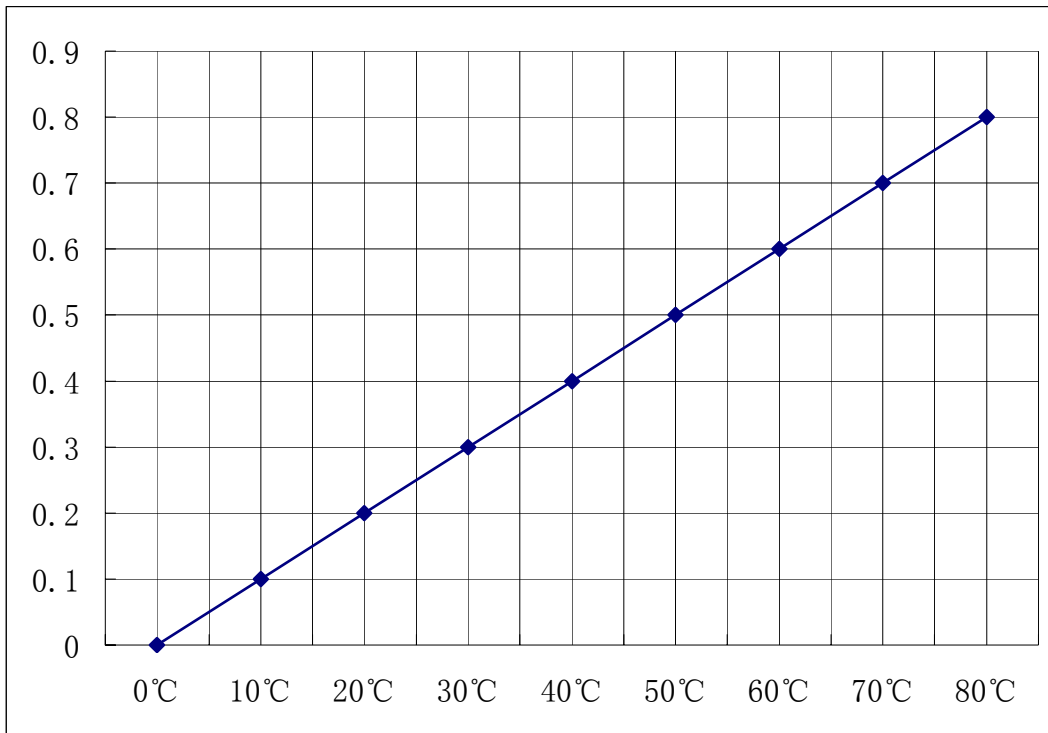
4. Typical performance diagram

Voltage



RH

Voltage



Temperature