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## 808H5V6 Humidity transmitter

808H5V6 module humidity transmitter is designed based capacitive humidity sensor. This product utilize craftwork of SIP, so own a extremely small body. That make it to easy use as component in kinds of humidity measuring and controlling products.

Can supply defined data each products desired by customer.

### Feature

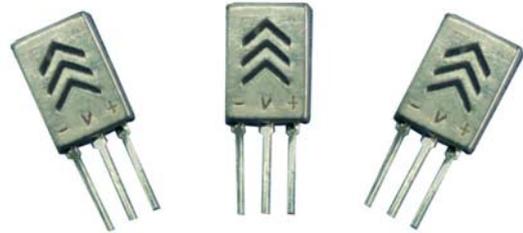
Low cost, capacitor polymer sensor

Voltage output linear response relative humidity

High accuracy, long term stability,

interchangeable

colophony enveloped, can work even in bad environment



### Application

Meteorological instrument , industrial process control , RH measurement instrumentation etc.

### Specification

Model	<b>808H5V6</b>
Measuring range	0~100%RH
Signal output	0~3.0V @25°C
Accuracy	≤ ± 4%RH (at 25°C, 30~80%RH, when the power supply is <b>3.3VDC</b> )
Electrical current (Ic)	Typical current: <b>180uA</b> ; max current <200uA
Power supply	<b>3.3 V DC ±3%</b>
Operating environment	-40~+85°C
Storing environment	-55~+125°C
Responding time	<15s
stability	<1%RH per year
interface	3 pin 2.54mm between, SIP
dimension	12.2×8×4 mm

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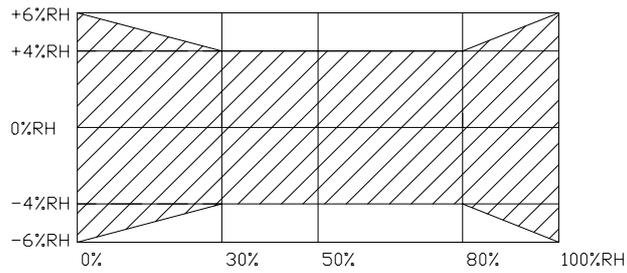
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## Typical humidity data responding to output

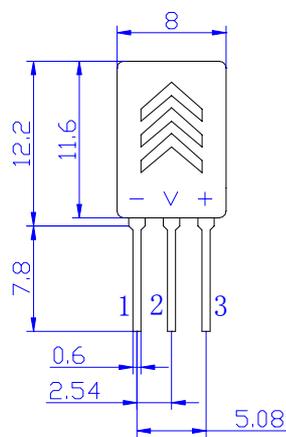
Based as the power supplied by 3.30V DC, at 25°C environment

	30%RH	40%RH	50%RH	60%RH	70%RH	80%RH
<b>808H5V6</b>	0.93V	1.24V	1.55V	1.85V	2.15V	2.43V

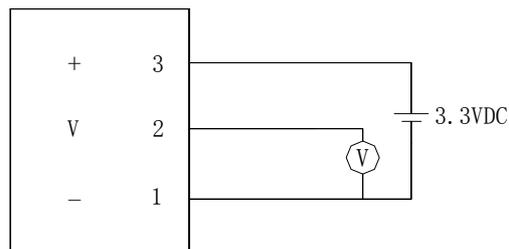
### accuracy according to range



### Dimension( mm )

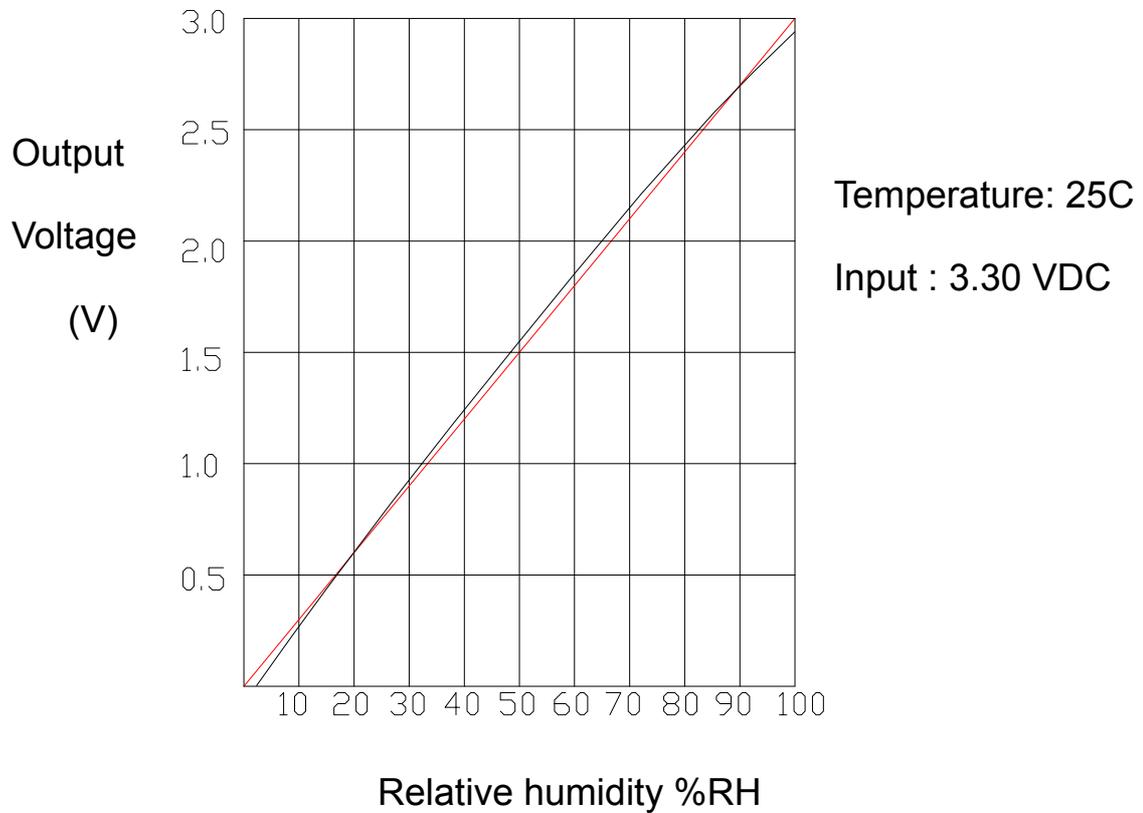


### Application



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**Typical data curve( 808H5V6 )**



0~3.0V linear output response to the 0~100 %RH humidity

**Quality Warranty**

The quality guarantee time is 12 months. Within 12 months after purchasing, the spoiling will be maintained by Sencera Co., Ltd for some fee. except man-made spoiling.

**Note**

808H5V6 humidity transmitter is kind of precision instrument, correct manipulation and careful maintenance is necessary for normal running.

So be sure to note:

1. Be sure to keep away from the hot or cold things.
2. Be sure to keep correct mounting direction.
3. The transmitter should be redefined after 1year.