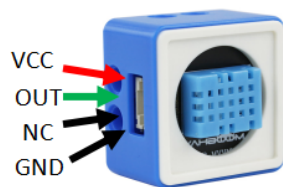


# About temperature-humidity modules

## 1. Introduction to temperature and humidity module

The temperature and humidity module is a humidity composite sensor with calibrated digital signal output. It uses dedicated digital module acquisition technology and temperature and humidity sensing technology to ensure that the product has extremely high reliability and excellent long-term stability. It includes a resistive humidity sensing element and an NTC temperature measuring element, and is connected to a high-performance 8-bit microcontroller. Therefore, the product has the advantages of excellent quality, ultra-fast response, strong anti-interference ability, and extremely high cost performance. Its accuracy is  $\pm 5\%RH$  for humidity,  $\pm 2^{\circ}C$  for temperature, and the range of humidity is 20-95%RH, and the temperature is 0~50°C..

## 2. Sensor parameters



GND: connect <u>gnd</u>	OUT: Single bus digital signal output	+: Connect 3.3V, 5V
Range	Humidity: 20-90%RH	Temperature: 0~50°C
Accuracy	Humidity: $\pm 5\%RH$	Temperature: $\pm 2^{\circ}C$
Resolution	Humidity: 1%RH	Temperature: 1°C