



# Me Temperature and Humidity Sensor

**SKU: 11032 Weight: 9.00 Gram**



## Description :

Me Temperature and Humidity Sensor is a sensor that contains a calibrated digital signal output. It adopts specific digital module collecting technology and temperature-humidity sensing technology to ensure high reliability and excellent long-term stability. This module can measure the temperature from 0°C to 50°C. Users can use it to build a cost-effective temperature and humidity monitoring system. Its yellow ID means that it has a single-digital port and needs to be connected to the port with yellow ID on Makeblock Orion.

## Features:

- Small size and low power consumption;
- Strong anti-interference ability;
- Total calibrated digital output;
- White area of module is the reference area to contact metal beams;
- Support Arduino IDE programming and provide runtime library to simplify programming;
- Adopt RJ25 port for easy connection;
- Provide pins to support most Arduino Baseboards.

## Specification:

- Power supply voltage: 5V DC;
- Control mode: Single bus digital signal;
- Power supply current: max 2.5mA;
- Temperature range: 0-50°C  $\pm$  2°C
- Humidity range: 20-90% RH  $\pm$  5% RH;
- Precision: 1% RH, 1°C;
- Module dimension: 51 x 24 x 18mm (L x W x H);

## Size Chart:

Height/Width/Length: 51 x 24 x 18mm (2 x 1 x 0.7inch)

## Part List:

1 x Me Temperature and Humidity Sensor