

Grove - Temperature & Humidity Sensor (DHT11)

SKU 101020011

This temperature & humidity sensor provides a pre-calibrated digital output. A unique capacitive sensor element measures relative humidity and the temperature is measured by a negative temperature coefficient (NTC) thermistor. It has excellent reliability and long term stability.

Note: Please note that this sensor will not work when environmental temperatures is below 0°C.

Features

- Relative Humidity and temperature measurement
- Full range temperature compensation Calibrated
- Digital signal Long term stability
- Long transmission distance
- Low power consumption
- Low Cos

Technical details

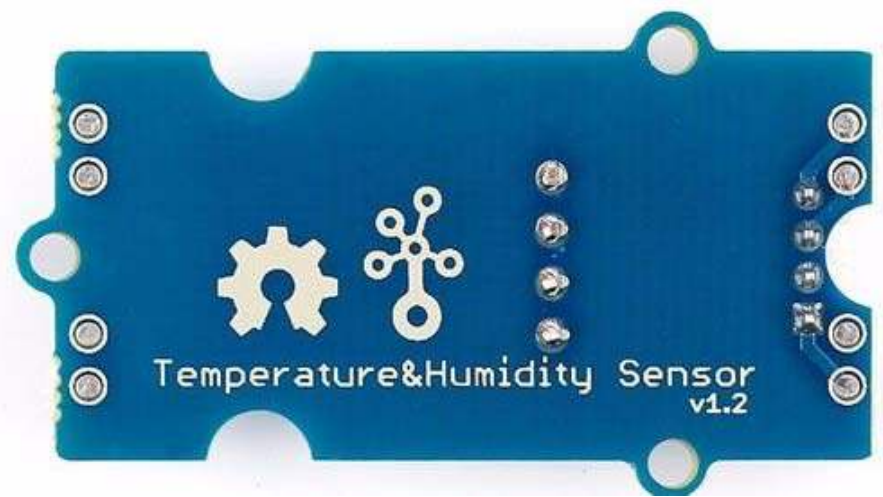
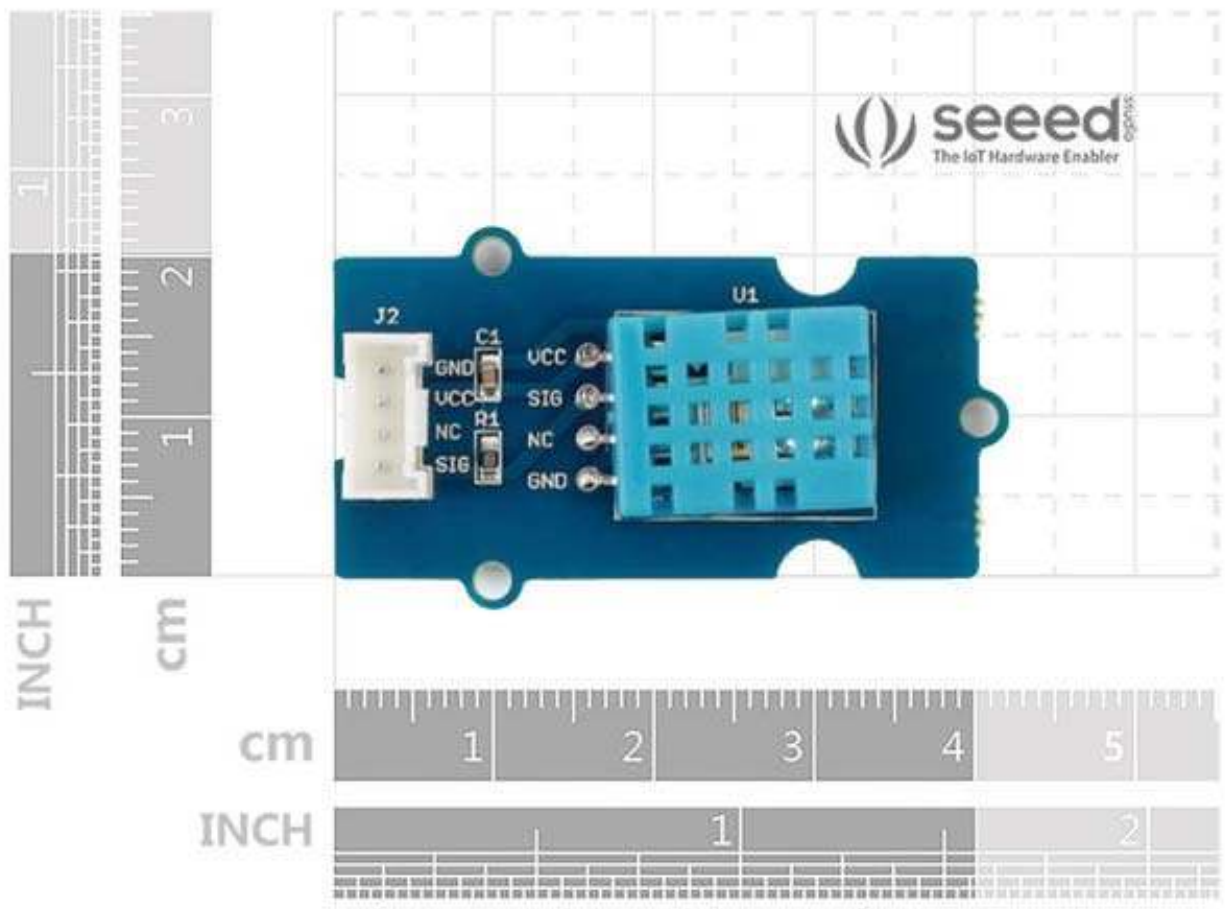
Dimensions	40mm x20mm x8mm
Weight	G.W 10g
Battery	Exclude
Input Voltage	3.3V & 5V
Measuring Current	1.3 - 2.1 mA
Measuring Humidity Range	20% - 90% RH
Measuring Temperature Range	0 - 50 °C

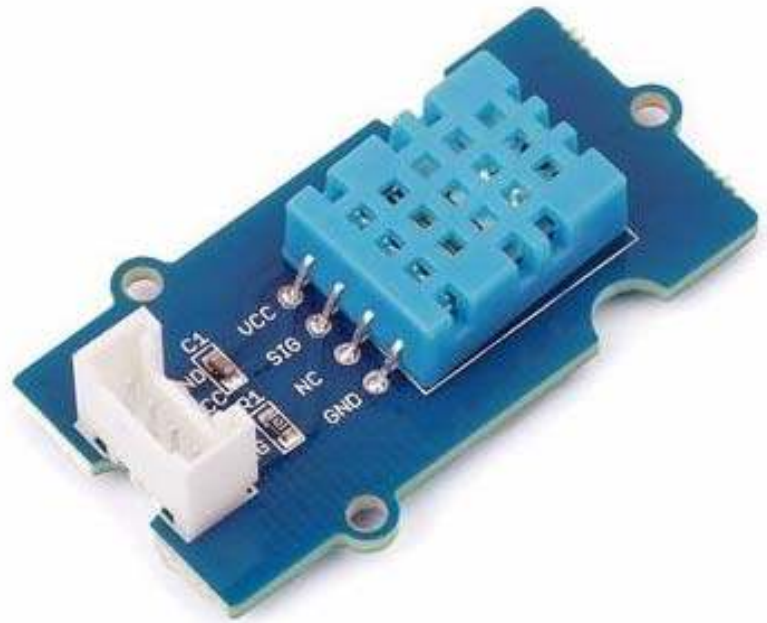
Part List

Grove - Temperature & Humidity Sensor	1
Grove Cable	1

ECCN/HTS

ECCN	EAR99
HSCODE	9025900090
ROHS	1





<https://www.seeedstudio.com/Grove-Temperature-Humidity-Sensor-DHT1-p-745.html/3-4-19>