

INDUSTRIAL PRODUCT DATASHEET

Grove - Temperature & Humidity Sensor V2.0 (DHT20) / Upgraded DHT11/ I2C Port

Grove - Temperature & Humidity Sensor V2.0 (DHT20) delivers $\pm 0.5^{\circ}\text{C}$ temperature and $\pm 3\%$ RH humidity accuracy with a digital I²C interface and wide voltage support.

SKU

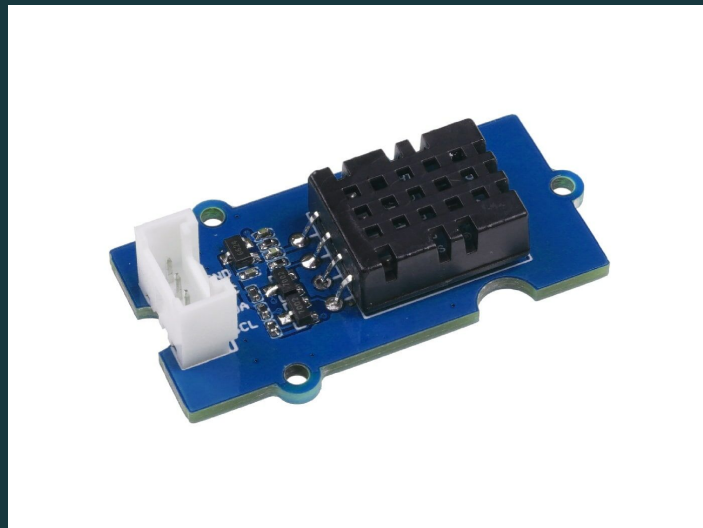
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UPDATED

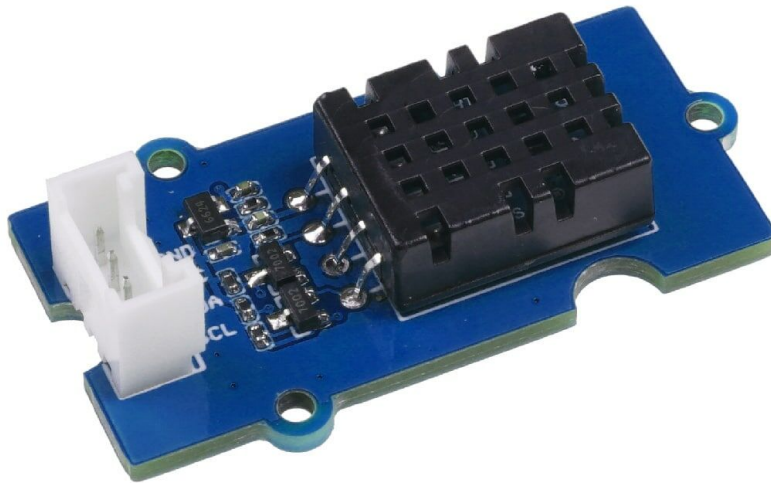
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PRICE

\$6.50(Excl. VAT)



Overview

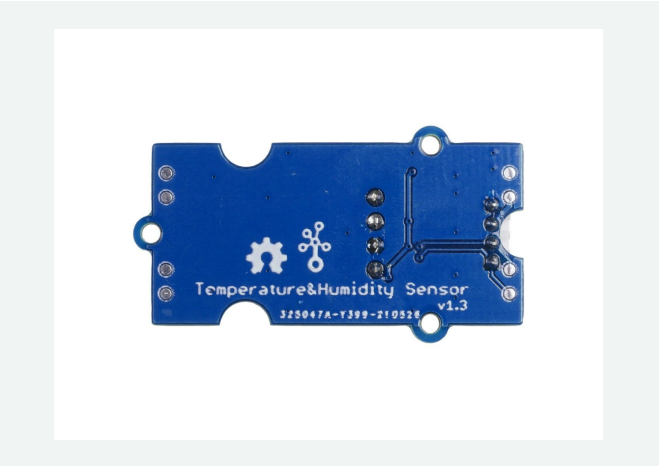
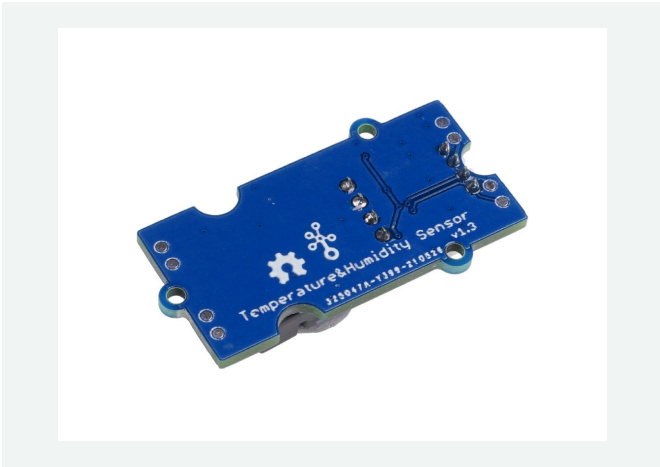
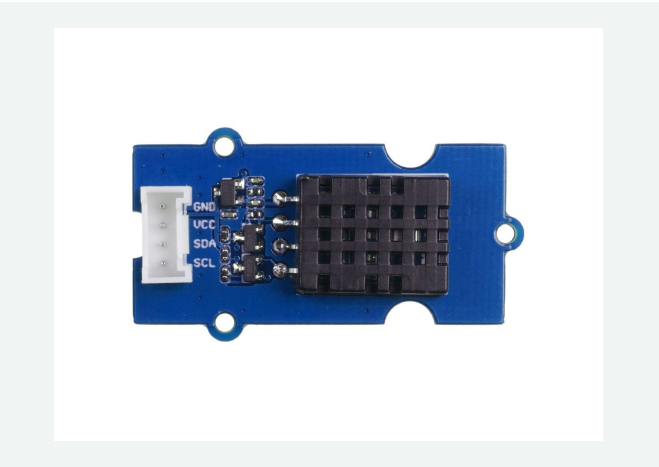


The Grove - Temperature & Humidity Sensor V2.0 (DHT20) offers high accuracy with $\pm 0.5^{\circ}\text{C}$ temperature accuracy and $\pm 3\%$ RH humidity accuracy, covering a wide measurement range from -40 to $+80^{\circ}\text{C}$ and 0 to 100% RH. It features a digital I²C interface, full calibration, excellent long-term stability, quick response, anti-interference capability, and wide voltage support from 2.5 to 5.5V DC .

Key Features

- **High Accuracy:**
 - Temperature Accuracy: $\pm 0.5\text{ }^{\circ}\text{C}$
 - Humidity Accuracy: $\pm 3\% \text{ RH}$ ($25\text{ }^{\circ}\text{C}$)
- **Wide measurement ranges:**
 - Measuring Range (Humidity): $0 \sim 100\% \text{ RH}$
 - Measuring Range (Temperature): $-40 \sim +80\text{ }^{\circ}\text{C}$
- **Better compatibility :**
 - Digital output
 - I²C interface
- **Fully calibrated**
- **Excellent long-term stability**
- **Quick response and anti-interference capability**
- **Wide voltage support 2.5-5.5V DC**

Product Gallery



Specification

Input Voltage	2.0 – 5.5V
Measuring Humidity Range	0 ~ 100% RH
Measuring Temperature Range	-40 ~ + 80 °C
Humidity Accuracy	± 3 % RH (25 °C)
Temperature Accuracy	± 0.5 °C
Output Signal	I2C signal

Grove - Temperature & Humidity Sensor	1
Grove Cable	1

Compliance & Logistics



HSCODE	9025800090
USHSCODE	9025801000
UPC	
EUHSCODE	9013101000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/Grove-Temperature-Humidity-Sensor-V2-0-DHT20-p-4967.html>
- [DHT20 Datasheet](#)

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