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Grove - Temperature&Humidity Sensor (SHT31)

SKU   101020212

★★★★★   7 Reviews

High accuracy humidity sensor Easy-to-use Grove Compatible Interface Wide temperature measurement range

-   1   +   US Warehouse

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When we are talking about environmental sensors, we always want it to be accurate, and also easy-to-use. Now, we've got a really fine sensor module that has both, the Grove - Temperature&Humidity Sensor (SHT31).

The SHT31 sensor could be the finest and highest-accuracy humidity sensor you can find, as it can acquire the relative humidity at only ±2% error. On the other side it also features an excellent performance in terms of temperature measurement, you can use it in some extreme conditions, like -40 degree or 125 degree, and it still keeps an accuracy of ±0.3 degree.

If you are familiar with our Grove system, you should be aware of how easy it is to get started with such a module that has a GROVE prefix. We design it as a Grove module so you don't need any bread-boarding, meshing or soldering to make it work.

If your development board is a Seeeduino, simply connect it to the I2C port and download a few line of code, then you are ready to roll!

Features

- High accuracy, ±0.3 °C accuracy for temperature and ±2% for humidity
- Easy-to-use Grove Compatible Interface

- For projects that you would like to share with the community, please visit Recipe.

NOTE

As the sensor is quite sensitive to the environmental conditions, please DO NOT touch it with your fingers as you might damage it.

Get your own
GROVE 150+

Technical details

Dimensions	89mm x140mm x7.5mm
Weight	G.W 10g
Battery	Exclude
Supply Voltage	5V or 3.3V
Current Consumption	100 uA
Temperature Measurement:	
Range	-40°C to 125°C
Accuracy	±0.3
Humidity Accuracy	±2%
Communication Interface	I2C
Dimensions	20mm x 40mm

Part List

Grove - Temperature&Humidity Sensor (SHT31)	1

ECCN/HTS

ECCN	EAR99
HSCODE	9025900090
USHSCODE	90230000
UPC	841454118541

Bundle Sales

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☑ This item: Grove - Temperature&Humidity Sensor (SHT31)
☑ Grove - Buzzer
☑ Grove - Sound Sensor
☐ GrovePi Zero（GrovePi0）Out of stock
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