



Grove - Water Sensor

SKU 101020018



According to the United State Government Statement released on June 15, 2018, an additional tariff will be charged for this product shipped to the USA starting July 6th, 2018.

Grove - Water Sensor detects the presence of water using exposed PCB traces. The sensor is made up of interlaced traces of Ground and Sensor signals. The sensor traces are weakly pulled up using 1 MΩ resistor. The resistor will pull the sensor trace value high until a drop of water shorts the sensor trace to the ground trace. This circuit will work with digital I/O pins of Arduino or you can use it with the analog pins to detect the amount of water induced contact between the grounded and sensor traces.

For all Grove users (especially beginners), we provide you guidance PDF documents. Please download and read through [Preface - Getting Started](#) and [Introduction to Grove](#) before your using of the product.

Features

- Grove compatible interface
- Low power consumption
- High sensitivity

Technical details

Dimensions	40mm x20mm x12mm
Weight	G.W 9g
Battery	Exclude

Part List

Grove - Water Sensor	1
Grove Cable	1

ECCN/HTS

ECCN	EAR99
HSCODE	9026900000
ROHS	1



