Grove - EC Sensor Kit

SKU
110020292

This is a cost-effective electrical conductivity sensor with wide utilization, suitable for Arduino and Raspberry Pi, supports 3.3V and 5V system.

PRODUCT DETAILS

Feature

- Widely used for most applications of aquaculture and water quality testing
- Compact size for easy deployment
- Support with both Arduino and Rasberry Pi
- Cost-effective

Description

The electrical conductivity sensor (EC sensor) measures the electrical conductivity in a solution which usually used for aquaculture and water quality testing. The Grove - Electrical Conductivity Sensor is specially designed for a low-cost system with a relatively

high accuracy which can cover most applications. The Grove connector and BNC probe interface make it easy to use and very suitable for Arduino and Raspberry Pi project. This Kit includes an EC probe and a driver board, and the driver board support both 3.3V and 5V system.

Note

This product is non-RoHS certified.

Specification

Items	Values
Operating voltage	3.3V/5V
EC Range	0-2000us/cm
Resolution	±5%(STP)
Operating temperature	5-80°C
Response time	〈10sec
Probe Interface	BNC

Part list

Items	Values
EC Probe	1
Driver Board	1
Grove Cable	1

What is Grove?

Grove makes it easier to connect, experiment, and simplify the prototyping process. No jumpers or soldering required. We have developed more than 300 Grove modules, covering a wide range of applications that can fulfil a variety of needs. Not only are these open hardware, but we also have open-source software.

ECCN/HTS

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UPC