seeed studio

INDUSTRIAL PRODUCT DATASHEET

Grove - ORP Sensor Kit Pro - IP68 ORP probe, ±2000 mV range, ±15mV accuracy, 5 meters, 0-80℃, Arduino, RoHS certification

Grove - ORP Sensor Kit (HR-O) is a Grove sensor that measures the ORP value, detecting the quality of the liquid.

SKU	UPDATED	PRICE
110020370	2026-11-11 08:55:43	$79.00(Excl. VAT)



Overview



Grove - ORP Sensor Kit (HR-O) is a Grove sensor that measures the ORP value, detecting the quality of the liquid. It works with a 5-meter IP68 ORP probe, offering a -2000mV to 2000mV sensing range, operating under 0-80℃, supporting Arduino programming. The sensor is environmentally friendly and RoHS certificated.

Key Features

01 **Grove ORP Sensor Upgrade**

Assemble 5-meters IP68 ORP probe, offering -2000 mV to 2000 mV sensing range, operating under 0-80℃, member of simple-to-use Grove ecosystem

02 **Enhanced Measurement Performance**

Maintain ±15mV sensing accuracy at 0-60°C

03 **Working Voltage**

Support both 3.3V and 5V working conditions

04 **Exchangeable Sensor Nodes**

Support BNC-linker sensor probes

05 **RoHS Certification**

Environmentally friendly, assured detection

Product Gallery











Applications

- **If you want a module to design your own Long Range sensor, to construct project for water quality detection, or to support any wireless communication applications, Wio-E5 is the premium choice that provides you with an optimal user experience.**

Resource Links

- https://www.seeedstudio.com/Grove-ORP-Sensor-Kit-Pro-p-5570.html
- Arduino code for value read

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com