seeed studio

INDUSTRIAL PRODUCT DATASHEET

Industrial pH Sensor MODBUS-RTU RS485 & 0-2V Analog Voltage (S-pH-01B), with waterproof aviation connector

An IP68 RS485 pH Sensor ranges - from 0 to 14 pH.

SKU	UPDATED	PRICE
314990622	2026-11-11 10:11:18	$139.00(Excl. VAT)



Overview



An IP68 RS485 pH Sensor ranges - from 0 to 14 pH. Used in soil and water applications like gardening, and swimming pools. Use the sensor with SenseCAP Data Logger for seamless data collection and management

Key Features

01 **High Performance**

High accuracy, fast response, good repeatability

02 **Universal Protocol**

MODBUS-RTU RS485 and 0~2V Analog Voltage

03 **Wide-range Power Supply**

Can be powered with supply voltage within 3.6V ~ 30V

04 **Strong Robustness**

Suitable to be immersed in soil or water for a long time, anti-corrosion

05 **Maintainance-Free**

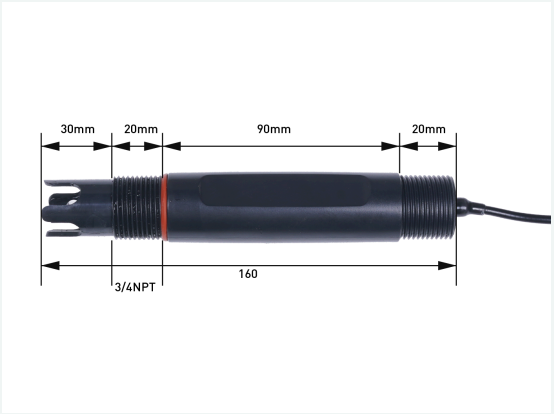
A unique junction efficiently improves the problem of junction clogging

Product Gallery











Applications

- Agriculture
- Animal Husbandry
- Forestry and Horticulture
- Sewage Treatment
- Swimming Pools and Spas
- Scientific Experiments
- Educational Projects
- Other environmental monitoring scenarios

Resource Links

- https://www.seeedstudio.com/RS485-pH-Sensor-S-pH-01B-p-4632.html
- User Guide for RS485 & 0-2V Analog Voltage pH Sensor (S-pH-01) - v2.0
- User Manual for the Industrial pH Meter/ Sensor Modbus-RTU RS485 & 4~20mA Current
- Datasheet for the Industrial pH Meter/ Sensor Modbus-RTU RS485 & 4~20mA Current
- SenseCAP Sensor Hub Catalog (Data Logger & Sensor Probes)

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