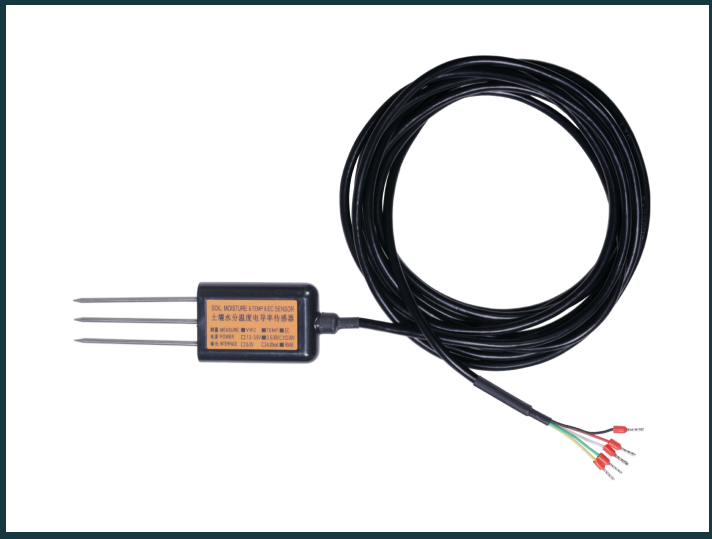
seeed studio

INDUSTRIAL PRODUCT DATASHEET

Industrial Soil Moisture & Temperature & EC Sensor MODBUS-RTU RS485 (S-Soil MTEC-02A)

An IP68 RS485 Soil Mois & Temp & EC Sensor ranges - from 0% to 100% of saturation, -40℃ ~ +80℃, and 0 ~ 10000 μs/cm.

SKU	UPDATED	PRICE
101990667	2026-11-11 10:10:51	$99.00(Excl. VAT)



Overview



An IP68 RS485 Soil Mois & Temp & EC Sensor ranges - from 0% to 100% of saturation, -40℃ ~ +80℃, and 0 ~ 10000 μs/cm. Use in soil applications like Horticulture and Gardening. Use the sensor with SenseCAP Data Logger for seamless data collection and management.

Key Features

01 **High Performance**

high accuracy, reliability, and stability

02 **Universal Protocol**

MODBUS-RTU RS485

03 **Compact Design**

3-in-1, soil moisture, temperature, and EC sensor

04 **Wide-range Power Supply**

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

05 **Strong Robustness**

Suitable to be immersed in soil, water, nutrient solution, and other substrates for a long time, anti-corrosion, automatic temperature compensation

06 **Strong Anti-interference**

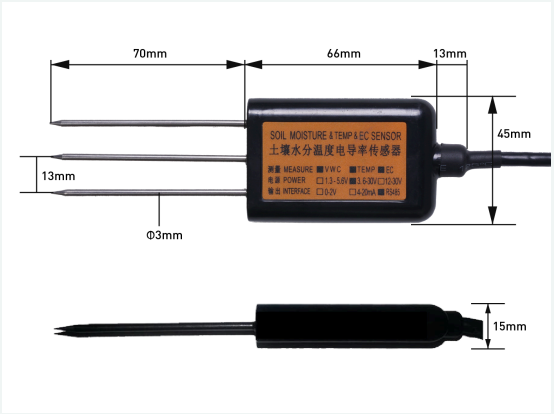
made of flame-retardant epoxy resin

Product Gallery











Applications

- **Water-saving irrigation, Scientific Experiments, Greenhouse Management, Horticulture and Gardening, Golf turf Management, Smart Agriculture, and Other Environmental Monitoring Scenarios**

Resource Links

- https://www.seeedstudio.com/RS485-Soil-Moisture-Temperature-EC-Sensor-S-Soil-MTEC-02-p-4633.html
- Datasheet for Soil Moisture & Temperature & EC Sensor MODBUS-RTU RS485 (S-Soil MTEC-02A)
- User Manual for Soil Moisture & Temperature & EC Sensor MODBUS-RTU RS485 (S-Soil MTEC-02A)

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