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INDUSTRIAL PRODUCT DATASHEET

Industrial Soil Moisture & Temperature & EC Sensor MODBUS-RTU RS485 (S-Soil MTEC-02B), with waterproof aviation connector

Industrial Soil Moisture & Temperature & EC Sensor MODBUS-RTU RS485 (S-Soil MTEC-02B) with waterproof aviation connector for accurate and reliable soil moisture, temperature, and EC monitoring in irrigation, greenhouse, turf, and...

SKU	UPDATED	PRICE
314990621	2026-11-05 04:35:11	$99.00(Excl. VAT)



Overview



The Industrial Soil Moisture & Temperature & EC Sensor MODBUS-RTU RS485 (S-Soil MTEC-02B) with waterproof aviation connector is a high-performance 3-in-1 sensor offering high accuracy, reliability, stability, universal MODBUS-RTU RS485 protocol, wide 3.6V–30V power supply, strong robustness, automatic temperature compensation, and anti-interference. It is suitable for water-saving irrigation, scientific experiments, greenhouse management, horticulture and gardening, golf turf management, grassland management, smart agriculture, soil testing, and other environmental monitoring scenarios.

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

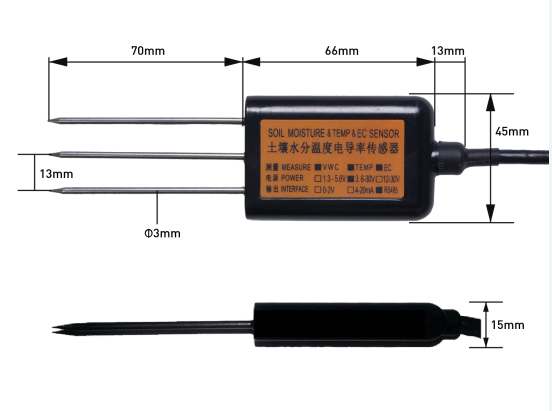
Product Gallery











Applications

- Water-saving irrigation
- Scientific Experiments
- Greenhouse Management
- Horticulture and Gardening
- Golf turf Management
- Grassland Management
- Smart Agriculture
- Soil Testing
- Other Environmental Monitoring Scenarios

Resource Links

- https://www.seeedstudio.com/RS485-Soil-Moisture-Temperature-EC-Sensor-S-Soil-MTEC-02B-p-4860.html
- Datasheet for Soil Moisture & Temperature & EC Sensor MODBUS-RTU RS485
- User Manual for Soil Moisture & Temperature & EC Sensor MODBUS-RTU RS485
- SenseCAP Sensor Hub Catalog (Data Logger & Sensor Probes)

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