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INDUSTRIAL PRODUCT DATASHEET

Industrial Soil Moisture & Temperature Sensor MODBUS-RTU RS485, 0-2V Analog Voltage (S-Soil MT-02B), with waterproof aviation connector

An IP68 RS485 Soil Moisture and Temperature Sensor ranges - from 0% to 100% of saturation and -40℃ ~ +80℃.

SKU	UPDATED	PRICE
314990620	2026-11-11 10:11:24	$79.00(Excl. VAT)



Overview



An IP68 RS485 Soil Moisture and Temperature Sensor ranges - from 0% to 100% of saturation and -40℃ ~ +80℃. Used in soil applications like water-saving irrigation and greenhouse management. Use the sensor with SenseCAP Sensor Hub 4G Data Logger for seamless data collection and management.

Key Features

01 **High Performance**

high accuracy, reliability, and stability

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 and 3.9V ~ 30V

04 **Strong Robustness**

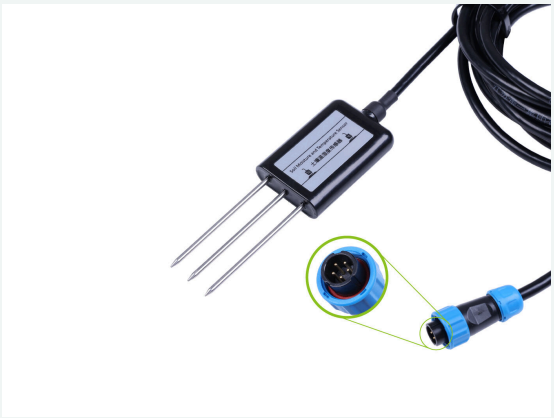
anti-corrosion, with excellent performance for long-term use

05 **Safety**

designed with reverse voltage protection

Product Gallery





Applications

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

Resource Links

- https://www.seeedstudio.com/RS485-Soil-Moisture-Temperature-Sensor-S-Soil-MT-02B-p-4859.html
- Datasheet for Soil Moisture & Temperature Sensor MODBUS-RTU RS485
- User Manual (V1.0) for Soil Moisture & Temperature Sensor MODBUS-RTU RS485
- User Manual (V2.0) for Soil Moisture Temperature Sensor MODBUS-RTU RS485 & 0-2V Analog Voltage
- SenseCAP Sensor Hub Catalog (Data Logger & Sensor Probes)

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