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INDUSTRIAL PRODUCT DATASHEET

RS485 Multi-Depth Soil Moisture, Temperature and EC Sensor - Connector

An IP68 RS485 Multi-Depth Soil Moisture, Temperature and EC Sensor.

SKU	UPDATED	PRICE
101990982	2026-11-11 09:59:29	$379.00(Excl. VAT)



Overview



An IP68 RS485 Multi-Depth Soil Moisture, Temperature and EC Sensor. Powerful and robust sensor can be used in soil applications such as soil monitoring and agricultural greenhouses. Use the sensor with the SenseCAP Sensor Hub 4G Data Logger for seamless data collection and management.

Key Features

01 **Multi-Depth measurements**

Soil Moisture, temperature and electrical conductivity measurements at 10cm (4 in), 20cm (8 in), 30cm (12 in) and 40cm(16 in).

02 **High Precision and Sensitivity**

High measurement accuracy, less affected by soil salinity, suitable for all kinds of soils.

03 **Universal Protocol**

MODBUS-RTU RS485

04 **Durable Design**

High-quality plastic housing with IP68-rated and protection against corrosion.

05 **Easy Integration and Versatile Application**

This sensor can be seamlessly integrated with the SenseCAP Sensor Hub 4G Data Logger for efficient data collection and management.

Product Gallery



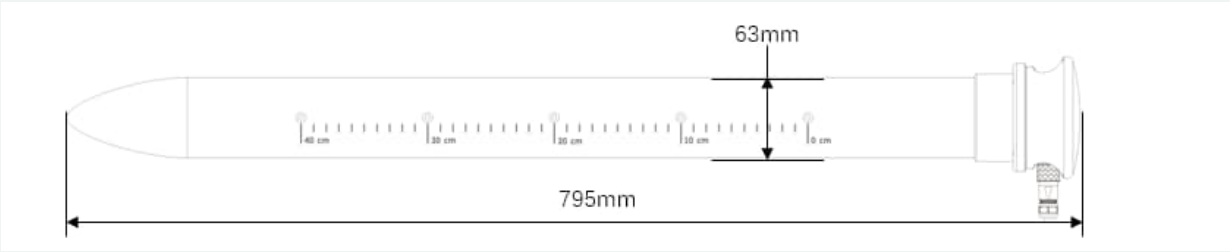


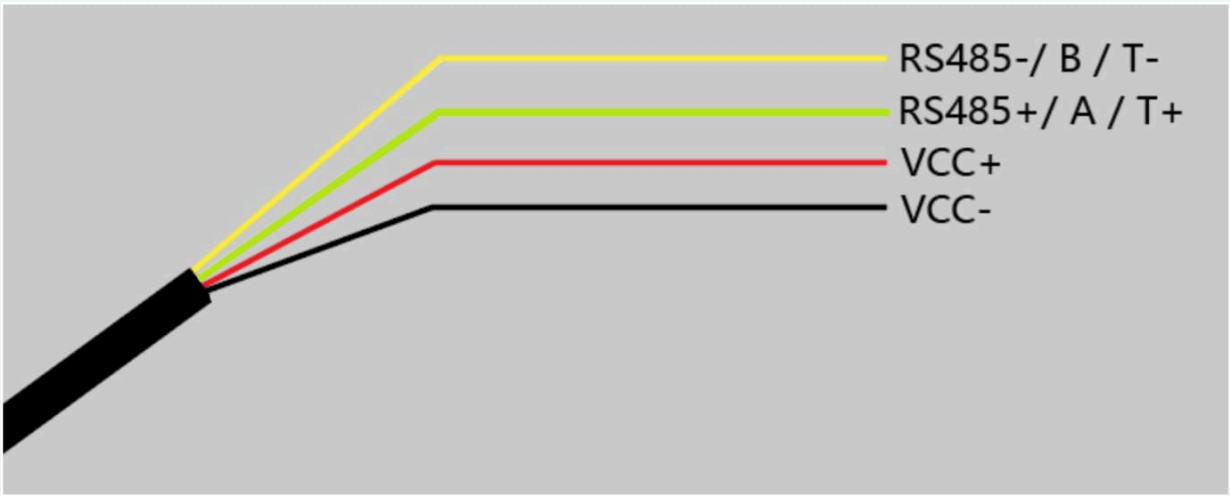


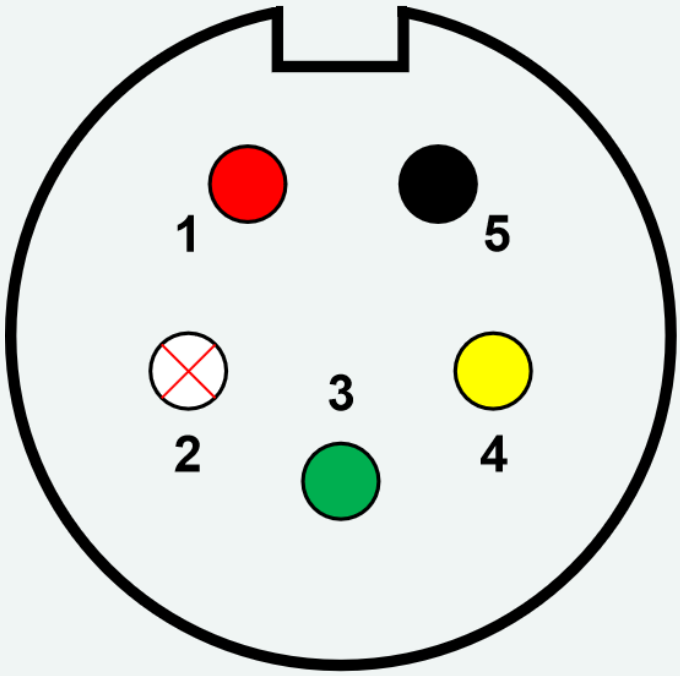




Hardware Overview







Applications

- **Greenhouse: Such as growing blueberries, strawberries and other crops.**
- **Irrigation: Integrated with irrigation system to achieve fully automatic planting management.**
- **Geological Research: Long-term monitoring of soil temperature and humidity over large areas**

Resource Links

- https://www.seeedstudio.com/RS485-Multi-Depth-Soil-Moisture-Temperature-and-EC-Sensor-Connector-p-5387.html
- Multi-Depth Soil Moisture & Temperature & EC Sensor User Manual V1.0

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