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INDUSTRIAL PRODUCT DATASHEET

Industrial Leaf Wetness and Temperature Sensor (A), MODBUS-RTU RS485

Industrial Leaf Wetness and Temperature Sensor (A) with MODBUS-RTU RS485 provides 2-in-1 leaf wetness and temperature measurement with IP68 protection for smart agriculture, irrigation, pest control, and other applications.

SKU	UPDATED	PRICE
314990737	2026-11-10 01:03:48	$95.00(Excl. VAT)



Overview



The Industrial Leaf Wetness and Temperature Sensor (A), MODBUS-RTU RS485 is a 2-in-1 sensor that measures leaf wetness and temperature in one single sensor and supports universal MODBUS RS485 protocol with MODBUS-RTU RS485 output interface. It features simulational sensing that simulates the real leaf thermal resistance by sensing shape and thickness, industrial-grade IP68 rated waterproof and dustproof enclosure, and comprehensive protection including reverse power protection and built-in TVS/ESD protection, suitable for science research, smart agriculture (outdoor & greenhouse), irrigation management, pest control, bacteria prevention, horticulture & forestry management.

Key Features

01 **2-in-1 Sensor**

Measure 2 factors: leaf wetness and temperature in one single sensor

02 **Supports universal MODBUS RS485 protocol**

Supports MODBUS-RTU RS485 output Interface

03 **Simulational Sensing**

Simulates the real leaf thermal resistance by sensing shape and thickness

04 **Industrial-grade design**

The enclosure is IP68 rated, waterproof and dustproof, suitable for harsh environments, provides high accuracy with excellent stability

05 **Comprehensive Protection**

Provides reverse power protection and Built-in TVS/ESD protection

Product Gallery











Applications

- Science Research
- Smart Agriculture (outdoor & greenhouse)
- Irrigation Management
- Pest Control
- Bacteria Prevention
- Horticulture & Forestry Management

Resource Links

- https://www.seeedstudio.com/leaf-wetness-sensor-p-a-4861.html
- Leaf Wetness and Temperature Sensor Datasheet
- SenseCAP S2100 LoRaWAN Data Logger User Guide

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