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INDUSTRIAL PRODUCT DATASHEET

Industrial Leaf Wetness and Temperature Sensor (S-YM-01B), MODBUS RTU RS485, with Waterproof Aviation Connector

Industrial Leaf Wetness and Temperature Sensor (S-YM-01B) with MODBUS RTU RS485, waterproof aviation connector, and IP68 rating for Smart Agriculture, Irrigation Management, Science Research, and other applications.

SKU	UPDATED	PRICE
314990738	2026-11-05 04:36:01	$95.00(Excl. VAT)



Overview



The Industrial Leaf Wetness and Temperature Sensor (S-YM-01B) is a compact 2-in-1 sensor for leaf wetness and temperature measurement with MODBUS-RTU RS485 output and a waterproof aviation connector. It simulates real leaf thermal resistance, detects water, ice, and fog, and features an IP68-rated industrial design with high accuracy, stability, and built-in TVS/ESD protection.

Key Features

01 **Compact with high Integration**

2-in-1 sensor with leaf wetness & temperature measurement

02 **Supporting MODBUS-RTU RS485 output Interface**

03 **Simulating the real leaf thermal resistance by sensing shape and thickness**

04 **Strong robustness**

water, ice, foggy detection

05 **Industrial-grade design**

IP68 rated, waterproof and dustproof, suitable for harsh environments

06 **Industry standards**

high accuracy with excellent stability

07 **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-b-4861.html
- Leaf Wetness and Temperature Sensor - User Guide
- SenseCAP Sensor Hub Catalog (Data Logger & Sensor Probes)

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