

Plugsensor Solo



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The **Plugsensor Solo** is a high-precision sensor designed to monitor soil moisture and temperature, providing real-time data for more efficient agricultural management. Ideal for precision agriculture, it offers reliable readings with minimal soil disturbance and high stability. With IP68 protection, it is resistant to adverse conditions, making it suitable for scientific research, irrigation, greenhouses, and smart agriculture.



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Technical Specifications

Parameter	Description
Interface Output	RS485 / Modbus-RTU
Power Supply	3.6 to 30V DC
Consumption	6mA / 24V DC
Soil Moisture	Range: 0% to 100%
	Accuracy: $\pm 5\%$
	Resolution: $\pm 1\%$
Temperature	Range: -40 °C to 80 °C
	Accuracy: ± 0.5 °C
	Resolution: ± 0.1 °C
Measurement Technique	FRD
IP Rating	IP68
Operating Temperature	-40 °C to 85 °C
Installation	Buried
Dimensions	65 x 13 x 145 mm
Cable / Connector	3 meters with 5x 22AWG / SP13 Series – IP68

Sensor available only for integration with Plugstation from model WS22 onwards.

