

# Plugsensor<sup>®</sup> Solo

## Characteristics



IP68  
protection.



Dedicated cable  
with mechanical  
protection  
against  
inversion.



Low sensitivity  
to salinity.

Soil moisture  
and  
temperature  
measurement.



High  
accuracy and  
stability.



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## Characteristics

The Plugsensor Solo measures variations in soil moisture conditions, as well as soil temperature, providing information for more efficient irrigation and preventing soil saturation. Widely used in precision agriculture, the instrument automatically reads the variables with real-time data, ensuring minimal soil disturbance with high accuracy and stability, and features mechanical protection against inversion through a dedicated cable.



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## Solo

## Technical Specifications

Parameter	Description
Output Interface	RS485 / Modbus-RTU
Power Supply	3.6 to 30V DC
Consumption	6mA / 24V DC
Soil Moisture	Range: 0 to 100% Resolution: 1% Accuracy: 5%
Temperature	Range: -40°C to 80°C Resolution: 0.1°C Accuracy: ±0.5°C
Measurement Technique	FDR
IP Rating	IP68
Operating Temperature	-40°C to 85°C
Enclosure	Epoxy resin
Sensor Rod	Stainless steel
Installation	Surface or buried
Sensor Dimension	65x13x145mm
Cable / Connector	3 meters with 5x 22AWG / SP13 Series – IP68

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

