

Plugsensor

Temperatura e Umidade



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The **Plugsensor Temperatura e Umidade** performs precise temperature and relative humidity measurements with high resistance to weather conditions. The sensor measures humidity from 0 to 99% and temperature from -40°C to 120°C, ensuring reliable readings. Suitable for agribusiness, smart cities and environmental monitoring, providing reliable data to support decision-making.



092601EN

Technical Specifications

Parameter	Description
Output Interface	RS485 / Modbus-RTU
Power Supply	10 to 30V DC
Humidity Measurement	Range: 0% to 99%
	Accuracy: $\pm 2\%$
	Resolution: $\pm 0.1\%$
Temperature Measurement	Range: -40°C to 120°C
	Accuracy: 0.5 to 1%
	Resolution: $\pm 0.1^{\circ}\text{C}$
Measurement Technique	Wet bulb
IP Rating	IP68
Operating Temperature	-40°C to 80°C
Installation	Vertical (90°)
Dimensions	138 x 85 mm
Installation Environment	Indoor/Outdoor
Cable / Connector	60 cm with 5x 22 AWG / SP13 Series - IP68

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

