

# Plugsensor

## Temp. e Umidade (Externo)



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The **Plugsensor Temperatura e Umidade (Externo)** performs precise measurements of temperature and relative humidity with high weather resistance. 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, it provides dependable data to support decision-making.



DS042601EN

# 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: $-40\text{ }^{\circ}\text{C}$ to $120\text{ }^{\circ}\text{C}$
	Accuracy: 0.5 to 1%
	Resolution: $\pm 0.1\text{ }^{\circ}\text{C}$
Measurement Technique	Wet Bulb
IP Rating	IP68
Operating Temperature	$-40\text{ }^{\circ}\text{C}$ to $80\text{ }^{\circ}\text{C}$
Installation	Vertical ( $90^{\circ}$ )
Dimensions	138 x 85 mm
Cable / Connector	60 cm with 5x 22 AWG / SPI3 Series - IP68

Sensor available only for integration with Plugstation from model WS22 and above.

