Plugsensor
Temp. e Umidade (Externo)

IP68 protection.

Temperature and humidity measurement.

Outdoor installation.

Greater safety for decision-making.

Standard RS485 communication.

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The **Plugsensor Temperatura e Umidade (Externo)** is an industrial sensor designed for accurate temperature and relative humidity measurements. With Modbus output and an IP68 structure, it has a long service life and is reliable for prolonged outdoor use. It is a robust solution for environmental monitoring in various applications, such as in Smart Cities, where it enables data-driven decision-making based on precise, real-time information.

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Technical Specifications

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

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

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