

Plugsensor

Temp. e Umidade (Externo)



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The Plugsensor Temperatura e Umidade (Externo) is an industrial sensor designed for precise temperature and relative humidity measurements. Featuring Modbus output and an IP68-rated structure, it offers long service life and reliable performance for extended outdoor use. This robust solution is ideal for environmental monitoring across various applications, such as Smart Cities, enabling data-driven, real-time decision-making.



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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: $\pm 2\%$
	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°)
Dimensions	138 x 85 mm
Cable / Connector	60 cm with 5x 22 AWG / SP13 Series - IP68

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

