

Plugsensor

Ruído



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The **Plugsensor Ruído** monitors sound levels in open and closed environments with high precision, measuring from 30 dB to 130 dB and covering a range of 20 Hz to 12,500 Hz. Designed for smart cities, industrial zones, and rural environments, its IP68 enclosure ensures reliable performance in any weather. With fast response time (≤ 3 s) and vertical installation (90°), it is ideal for environmental analysis, urban well-being, and noise level control in livestock production and traffic areas.



Technical Specifications

Parameter	Description
Output Interface	RS485 / Modbus-RTU
Power Supply	10 to 30V DC
Measurement	Measurement Range: 30 dB to 130 dB
	Frequency Range: 20 Hz to 12,500 Hz
	Resolution (+-): 0.1 dB
	Response Time: ≤3s
IP Rating	IP68
Operating Temperature	-20°C to 60°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.

