Plugsensor
Ruído (Externo)

IP68 protection.

Dedicated cable with mechanical reverse-polarity protection.

Measurement range from 30 dB to 130 dB.

Frequency range from 20 Hz to 12,500 Hz.

Standard RS485 communication.

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

DS1125O1EN

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
Cable / Connector	60 cm with 5x 22 AWG / SP13 Series - IP68

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