

# Plugsensor

PM2.5 PM10 (Mat. Particulado) Externo



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## PM2.5 PM10 (Mat. Particulado) Externo

The **Plugsensor PM2.5 PM10 (Material Particulado) Externo** monitors fine particles in outdoor environments with high accuracy and stability. It has a range of 0 to 1,000  $\mu\text{g}/\text{m}^3$ , a resolution of 1  $\mu\text{g}/\text{m}^3$ , and IP68 protection, ensuring reliable performance in adverse conditions. Ideal for air quality monitoring in urban roads, industrial areas, traffic zones, construction sites, ports, yards, and regions with dust and smoke emissions.



DS112501EN

# Technical Specifications

Parameter	Description
Output Interface	RS485 / Modbus-RTU
Power Supply	10 to 30 VDC
Power Consumption	0.18 W
Measurement	Range: 0 to 1,000 $\mu\text{g}/\text{m}^3$
	Accuracy: $\pm 3\%$
	Resolution: 1 $\mu\text{g}/\text{m}^3$
Measurement Technique	FDR
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.

