

Plugsensor Amônio (NH₄⁺)



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The **Plugsensor Amônio (NH₄⁺)** measures the concentration of ammonium ions in water in real-time, with a range of 0 to 100 ppm, a resolution of 0.1 mg/L, and an accuracy of ±5% FS. Using a potentiometric electrochemical principle and IP68 protection, it guarantees field reliability. Designed for environmental monitoring and water resource management, it provides essential data for assessing water quality and supporting environmental preservation strategies.



DS112501EN

Technical Specifications

Parameter	Description
Output Interface	RS485 / Modbus-RTU
Power Supply	12 VDC
Power Consumption	<0.5 W
Measurement	Range: 0 - 100 ppm
	Resolution: 0.1 mg/L
	Accuracy: $\pm 5\%$ FS
Pressure Resistance	<0.5 MPa
Measurement Principle	Potentiometric Electrochemical
Operating Temperature	0 to +55° C
Range Selection	Automatic
Dimensions	Φ31 x 250 mm
Material	ABS
Protection	IP68
Storage	10 to 60° C / 20% to 90% (Relative Humidity)
Cable Length	5m (standard)

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

