

Plugsensor Nitrato (NO₃-)



Plugsensor Nitrato (NO₃⁻)

The **Plugsensor Nitrato (NO₃⁻)** measures the concentration of nitrate in water in real time, with a range of 0.5 to 62,000 ppm, a resolution of 0.01 ppm, and an accuracy of ±10% FS. Using an electrochemical principle with a sensitive film and IP68 protection, it ensures reliable field performance. Designed for environmental monitoring and water resource management, it provides essential data for assessing nutrient pollution and preserving water quality.



Technical Specifications

Parameter	Description
Output Interface	RS485 / Modbus-RTU
Power Supply	12 VDC
Power Consumption	<0.4 W
Measurement	Range: 0.5 - 62,000 ppm
	Resolution: 0.01 ppm
	Accuracy: ±10% FS
Pressure Resistance	0-3 bar
Measurement Principle	Electrochemical (sensitive film)
Operating Temperature	0 to +50°C
Range Selection	Automatic
Dimensions	Φ31 x 250 mm
Material	PC + Stainless Steel 316L
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.

