

Plugsensor pH/ORP



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The **Plugsensor pH/ORP** measures the hydrogen potential (pH) and oxidation-reduction potential (ORP) of water in real time, with a range of 0 to 14 pH, a resolution of 0.1 pH, and an accuracy of ± 0.01 pH. With IP65 protection and using the FDR measurement principle, it delivers reliable field performance. Designed for environmental monitoring and water resource management, it provides essential data for assessing water quality across various applications.



DS112501EN

Technical Specifications

Parameter	Description
Output Interface	RS485 / Modbus-RTU
Power Supply	3.6 to 30V DC
Power Consumption	6mA @24 V DC
Measurement	Range: 0 to 14 pH
	Resolution: ± 0.1 pH
	Accuracy: ± 0.1 pH
Measurement Technique	FDR
IP Rating	IP65
Operating Temperature	-40°C to 85°C
Installation	Buried or immersed in the medium to be measured
Dimensions	165 x 35 mm (Cylindrical)
Weight	400 g
Cable / Connector	5 meters with 5x22 AWG / SP13 Series - IP68

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

