

# Plugsensor

## Condutividade e Salinidade



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The **Plugsensor Condutividade e Salinidade** measures the concentration of dissolved ions in water, allowing the assessment of electrical conductivity and salinity, parameters directly related to water quality. With a range of 0 to 2,000  $\mu\text{S}/\text{cm}$ , a resolution of 10  $\mu\text{S}/\text{cm}$ , and an accuracy of  $\pm 3\%$  to 5%, it features IP65 protection and high stability. Recommended for monitoring water bodies and controlling industrial processes, it guarantees reliable data for field analysis.



# Technical Specifications

Parameter	Description
Output Interface	RS485 / Modbus-RTU
Power Supply	3.9 to 30V DC
Power Consumption	80mA @24V DC
Measurement	Range: 0 to 20,000 $\mu$ S/cm
	Resolution: 10 $\mu$ S/cm to 50 $\mu$ S/cm
	Accuracy: $\pm$ 3% to 5%
Measurement Technique	FDR
IP Rating	IP65
Operating Temperature	-40°C to 85°C
Installation	Threaded
Dimensions	128x70x42 mm
Cable / Connector	10 meters with 5x22 AWG / SP13 Series - IP68

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

