

# Plugsensor

## Nível de Líquido (Sônico) 10m



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The **Plugsensor Nível de Líquido (Sônico) 10m** is an ultrasonic distance measurement instrument, ideal for liquid level monitoring applications. The sensor emits an ultrasonic sound wave pulse and measures the time it takes for the wave to be reflected back to the receiver, thereby accurately calculating the distance. With a fully sealed housing made of ABS material and an IP68 protection rating, the solution comes with two bracket options (sold separately): a 1.5 m mast and a 2.0 m mast, both for mounting on poles or concrete walls.



DS042603EN

# Technical Specifications

Parameter	Description
Output Interface	RS485 / Modbus-RTU
Power Supply	12 to 30 VDC
Power Consumption	0.25 W
Measurement	Range: 0.4 to 10 m
	Accuracy: $\pm 0.3$ to 1% FS
	Resolution: $\pm 1$ mm
	Blind Zone: < 40 cm
Measurement Technique	Ultrasonic Wave
Operating Frequency	40 KHz $\pm 5\%$
IP Rating	IP67
Operating Temperature	-20° C to 60° C
Dimensions	Sensor: $\varnothing$ 80 x 130 mm
Cable / Connector	5 m with 5x 22 AWG / Weipu SPI3 Series - IP68
Optional Items	40.03.0063 - Suporte Plugsensor 1.500 40.03.0064 - Suporte Plugsensor 2.000

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

