MASLO_Smart sensor - Tank level monitoring

About

This sensor is a tank level monitoring device. It allows you to avoid breakdowns, to avoid overflows, to predict your consumption and to be alerted before breakdowns.

The sensor takes **4 daily readings** *(one every 6 hours)* and the specific 'sentinel' mode can be activated for verification readings every 15 minutes.

The information is visible directly on the Fueldesk & Fuelsens platform and alerts can be set up.

Technical description of the sensor

Model	Value
Power supply	2 Duracell Procell AA batteries (2557 mAh) - *non rechargeable* - **user replaceable**
Battery life	• **About 5 years** *(depends on the number of daily readings)*
Network	SIGFOX (RCZ1) or LORAWAN ISM band: 868 mHz (CSS/ BPSK)
Operating temperature	-30°C to 60°C
Frequency of readings	6 or more daily statements
Measuring technology	Ultrason
Compatible fluids	Fuel, water, lubricant, etc.

Model	Valeur
Height	120 mm
Diameter	60 mm
Integration	Screw thread (x3)
Weight	250 g with batteries
Protection class	IP 67 waterproof and dustproof
Finition	polypropylene
Certification	Sigfox - 868 mHz ready LoRaWAN - 868 mHz ready CE RoHS Bee law compliance
Range of the sensor	Min distance : 15 cm *(between 0 and 15 cm the tank will be considered as full)* **Max distance : 4 m**

Use cases

Remote monitoring of the fluid level in your containers *(e.g. tank / boiler room / mobile generator)*

Configurable level alerts depending on the monitoring system *(consumption or filling monitoring)* **received by SMS or email** *(or both)*

A history allows you to trace the evolution of the level of your tanks over the last month / last week / last day *(or personalized date).*

Advantages of the sensor

Easy and quick installation by the customer from the manual and accessories provided.

Battery life: +/- 5 years. Battery life may vary depending on the number of predefined readings on the gauge.

Easily configured and adaptable to all types of tanks (+ possibility to ask for the addition of an abacus).

Online monitoring of gauge data: On the FUELDESK professional service platform, on the FuelSens user platform + mobile application. Data redirection to the chosen server via API.

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