

# LEVEL CONTROL

## Technical datasheet

Technical datasheet No: SB-AIR-WIFI-EN

Product code: 308 047

# SMARTBOX AIR WI-FI BATTERY-OPERATED LEVEL GAUGE

Date : 09/2025

Page : 1/2

Version : origine

### Designation

The SmartBox AIR Wi-Fi is a battery-operated, electronic remote level gauge for a non-pressurised tank with a liquid medium. This innovative tank monitoring measures the tank filling level using a pneumatic measurement principle and displays it on the screen (L, m or %) for maximum safety and efficiency.

### Application

Suitable for the following media: fuel oil, diesel, FAME, fuel oil bio, HVO, waste oil, vegetable oil, rainwater and other water-endangering, non-flammable liquids

### Operating

- Installation is simple : Insert the measuring tube with weight nozzle into the tank, then mount the tube to the display unit. A detailed assembly manual guides you through the process.
- App-based remote monitoring is only possible when connected to a WIFI network. Via the local Wi-Fi network, the SmartBox AIR Wi-Fi transmits the data to the corresponding app. The user has also connected the device to their local Wi-Fi network and added it to the monitoring system in the app by scanning a QR code on the device using their smartphone. This allows the user to receive up-to-date information such as the tank filling level or battery status anytime their smartphone or tablet is connected to a mobile network anywhere in the world. If not, the device can display measurement data locally on the unit and allows manual measurements

### + Product

- Suitable for all tank shapes, tank height up to 4 m (water) et 4,50 m (fuel oil)
- Easy installation, easy assembly and start-up even without special knowledge (configuration via mobile or tablet)
- Measurement intervals can be customized, ranging from hourly, daily, weekly to monthly, depending on your needs.
- Long battery life (at least one year with daily measurement). Easy charging via USB-C interface.
- Multilingual app (menu available in multiples languages for international users DE, EN, FR, NL, SP, PL)

### Technical specifications

- Certifications : CE-certified and complies with EMC & RoHS directives
- Dimensions display unit (HxWxD) : 144 x 99 x 45 mm
- Housing material : Plastic ABS / PC
- Type of protection : IP30 acc. to EN 60529
- Power supply unit (not included) : 5V, 2A, USB-C
- Measuring accuracy : +/- 1% of the measuring range end value
- Type of protection : IP30 (in protected and dry rooms)
- Ambient temperature : 0°C to + 50°C
- Measuring hose Lg 10 m
- Connections G 1" x G 1" 1/2M and cable gland

### Warranty

12 months provided fitting and operating instructions are observed.



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| SmartBox AIR Wi-Fi IP 30 with measuring line lg 10 m | 308 047 |

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### Application example

