

Smart **BOX** MINI

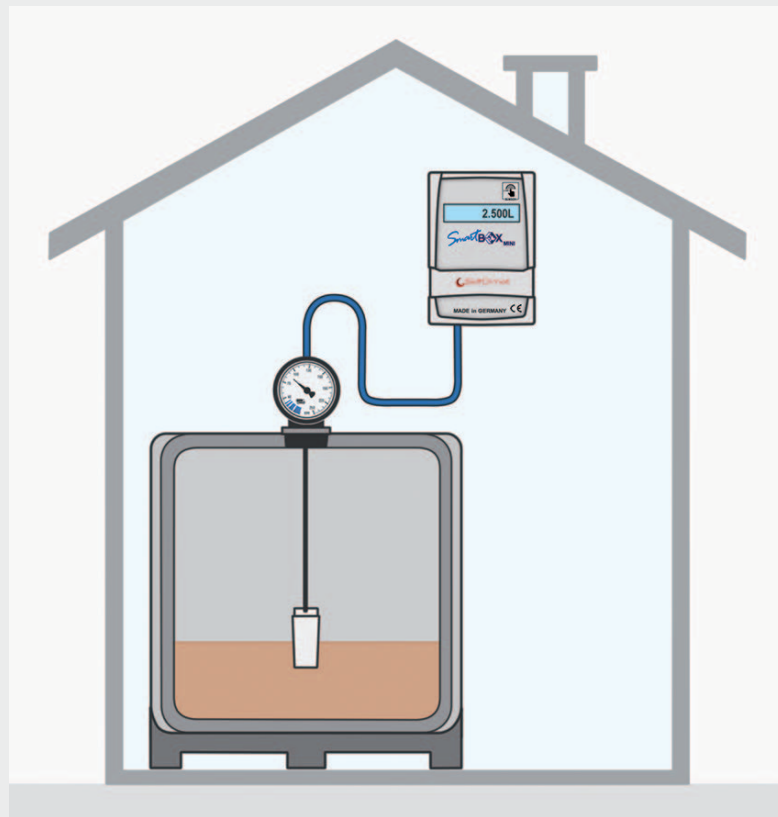


NEW



**Electronic remote level gauge with display
in litres, percentage by volume or centimetres**

SmartBox® MINI - Electronic remote level gauge with display in litres, percentage by volume or centimetres



Installation of the mechanical level gauge type FSA-E via an existing, free tank connection opening

The figure shows the standard installation of the **SmartBox® MINI** on a plastic tank, e. g. in the basement of a building.

The mechanical level gauge type FSA-E with electronic interface is set to the required tank height and installed in an existing tank connection opening (G 1 1/2 or G 2).

The mechanical level gauge type FSA-E with electronic interface is connected to the digital display unit by a cable to a distance of up to 50 metres.



When the system has been installed and started up (zero point calibration and input of the tank shape and menu-guided parameters), touch the sensor of the **SmartBox® MINI** to activate it and read the level.

Depending on your settings, the current level is then shown in litres, percentage by volume % (v/v) or centimetres for a few seconds. The device then returns to sleep mode to prolong battery life.

SmartBox® MINI - Electronic remote level gauge with display in litres, percentage by volume or centimetres

SmartBox® MINI

is an electronic remote level gauge for unpressurised tanks, consisting of a digital display unit and a mechanical level gauge type FSA-E with an electronic interface.



When you touch the sensor on the digital display, depending on your settings, the tank content is shown in litres, percentage by volume % (v/v) or centimetres for a few seconds.

Apart from this, the level in the tank is shown continuously in centimetres on the scale of the mechanical level gauge type FSA-E so that you can always see how much is in the tank.

The **SmartBox® MINI** can be used for fuel oil, BIO fuel oil, diesel fuel, FAME, vegetable oil, waste oil, other water-hazardous, non-flammable liquids, rainwater, and aqueous urea solution (AdBlue®).

Function

The content of the tank is determined by measuring the level based on the float principle. With an electronic interface, the level signal is sent via a cable to the **SmartBox® MINI** digital display unit, where it is converted into the set output value and shown on the display.

Advantages and equipment

- The measured data can be shown on the digital display as litres, percentage by volume % (v/v) or filling height in centimetres
- Additional control through continuous display of the content in centimetres on the mechanical level gauge type FSA-E
- Very energy efficient with sensor technology and "sleep mode" to prolong battery life
- Easy, menu-guided input of parameters by selecting pre-installed tank shapes
- Easy to assemble and start up
- To be used in unpressurised tanks
- With a cable extension, the digital display unit and the mechanical level gauge type FSA-E can be up to 50 metres apart.

Technical data

- Supply voltage: 3 batteries (AA)
- Measurement range: 0 to 160 cm or 0 to 250 cm
- Accuracy of the digital display unit range: $\pm 2\%$ of the end value of the measuring
- Tank connection: G 1 1/2
- Protection type: IP30
- Mechanical level gauge, type FSA-E with 10 m cable

SmartBox® MINI

Measuring range 0 to 160 cm (from 0 to 150 cm filling height)
Measuring range 0 to 250 cm (from 0 to 240 cm filling height)

On request
308 051

Accessories

Adapter for tank connection plastic G 2 M x G 1 1/2 F

104 010





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