

Top tank level indicator

FS4

INSTRUCTIONS MANUAL



CAUTIONS

- Installing and operating the unit FS4 must be done outside of any magnetic field.
- Any iron device must be at least at 10 cm as a minimum.
- Use non magnetic connection (*Brass, Stainless Steel or plastic*).
- Verify the chemical compatibility between the fluid and FS4 materials.
- Pressure inside the tank and indicator, must be at 1 bar as a maximum or less.

PRINCIPLE

- This indicator allows a direct level reading, on time, on any liquid level (*respecting chemical resistances*) even when tank is opaque.
- Assembly is done above the tank. Float and index with magnet, are fixed on a stem.
- When indicator is on the tank, the float follows the liquid level increases, so does the index.
- Index with magnet can actuate one or more, BSM 501 level switches.
- A graduated ruler (option) fit the indicator tube for a quantified reading.

BAMO MESURES

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MOUNTING

The indicator exceeds very widely the summit of the tank, it is necessary to make sure that there is enough space to take it up. The indicator is linked to the tank by DN65 flange connection (FS4 model) or 2" threaded connection (FS4 Fût model)

For contact adding or any option, please refer to owner's manual of those device .The FS4 indicator is ready since its mounting on the tank. The float follows level raising and the colored indicator shows level position on upper part of the device. To avoid any overpressure which could prevent the float to go up, two little holes are located under the fixing flange.

MAINTENANCE

FS4 is a robust level indicator; it does not require specific maintenance. From time to time, clean the float and back face of tube.

TECHNICAL FEATURES

Float: PPH or PVC
 Stem: PPH or PVC
 Guiding tube: PPH or PVC
 Indicator: PPH/PVC or PVC
 Temperature maxima PVC: 60 °C
 PPH: 80 °C
 Maximal pressure: Atmospheric

OPTION: Level switches BSM 501 or BRK 60/32

Standard model

Maximal height: 3000 mm, depending of fluid specific weight
 Mounting: Loose flange ND 65, in PPH or PVC

For drums

Maximal height: 1000 mm, depending of fluid specific weight
 Mounting: Thread 2" G, PVC or PPH
 Metric buttress thread, PVC or PPH (*other on request*)

