FluidMetric®

FluidMetric

Product Description

Fluidmetric is a wireless device that uses a rugged ultrasonic sensor to measure the level of liquids inside silos or tanks.

FluidMetric®

✓ Liquids

| Easy to install, wireless | Low maintenance | Customization of the measuring frequency | Powered with long last battery |

Data sheet

Measuring range	From 30 cm to 10 m.
Working temp. range	From -40° up to +65°.
Voltage	Lithium Battery · 7,2 V · 8500 mAh.
Battery life	**Measures every 2 h:** Up to 10 years
Sensor	Ultrasound with robust PVC housing which meets the IP67 water.
Accuracy	+/- 3 mm
Measuring frequency	Every 2 h. Customizable.
Case	IP65. High density polypropylene. UV protection. Size: 335 x 120 mm.
Communication	Wireless. Radiofrequency, free frequency bands: 868Mhz, 905Mhz, 922Mhz, depending on the country.
Data	• The data measured by the Fluidmetric can be visualized in the web DIGITPLAN. • Data Export to a .xls file. • Data integration with other systems using a Web Service or Modbus protocol. • Data visualization with Panel View Pi-100.

Optionals

Reading Frequency	Customization on request. External power supply needed if continous reading required.
IP68	Flurosilicone treatment arround the sensor with an addition back up FET Teflon for more chemically inert selling.
Anticorrosive	Praylene coating arround the transducer to prevent corrosion.

Installation

Drill a hole in the superior part of the bin, we recommend to use a 40mm drill crown. Place the **rubber gasket (3)** under the **support kit (2)**. Make sure that the **Fluidmetric (1)** will be focusing the center of the silo before fixing the **support kit (2)**. Use the screws provided to fix the support. Place the **Fluidmetric (1)** through the support kit, place the **packing rings (6)** between the support and the **Fluidmetric (1)**. Finally fix the **screws (5)** adjusting the correct inclination.

> Check the **Mounting Manual** for more detailed information.
> No need of activation, deviced ready to use.

Fluidmetric parts

1. Silometric Device
2. Support kit
3. Rubber gasket
4. Autodrilling screws
5. Inox M-6 screws
6. Inox M-6 packing rings

Certifications

CE

MCSystems declares under our sole responsability that **Fluidmetric** complies with the applicable requirements of the EC Directive and the current standards.

RoHS COMPLIANT

None of our products contains lead.