

SiloMetric



Product Description

Silometric LM sensor uses laser technology to measure the level of solid material inside silos and bins.

 SiloMetric®

 **Solid Materials**


Easy to install,
wireless

Low maintenance

Customization of the
measuring frequency

Powered with long
last battery

Data sheet

Model	LM-1	LM-100 INDUSTRIAL
Material	 Solid materials , not recommended in dusty environments.	
Measuring range	Up to 10 m.	Up to 40 m.
Working temp. range	From -15° to + 55°.	
Voltage	Lithium Battery 3.6 V. Capacity 8,500 mAh.	Lithium Battery 3.6 V. Capacity 8,500 mAh.
Battery life	Measures every 2 h: Up to 4 years. Measures every hour: Up to 2 years. En continuo: not recommended with battery	
Sensor	Class II laser, <1mW, 635 nm.	
Accuracy	+/- 3mm.	
Measuring frequency	Every 2 h. Customizable.	
Case	IP65. High density polypropylene. UV protection.	
Communication	Wireless. Radiofrequency, free frequency bands: 433 Mhz, 868 Mhz, 905 Mhz, 922 Mhz, depending on the country.	
Data	<ul style="list-style-type: none"> • 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. 	
Dimensions	335 x 120 mm.	

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Optionals

Continuous reading

Customizable reading.

12V power supply is required in continuous reading.

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 **Silometric (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 **Silometric (1)** through the support kit, place the **packing rings (6)** between the support and the **Silometric (1)**. Finally fix the **screws (5)** adjusting the correct inclination .

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

Silometric 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



MCSsystems declares under our sole responsibility that **Silometric** complies with the applicable requirements of the EC Directive and the current standards.



None of our products contains lead.

