

SiloMetric LM1

Product Description

Silometric LM1 sensor uses laser technology to measure the level of solid material inside silos and bins.

Benefits

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




✓ Solid Materials

Data sheet

Measuring range	Up to 10m.		
Working temp. range	From -15° / +55°		
Voltage	Lithium Battery. 7,2V, 19.000 mAh		
Battery life	Measures every 2 h: Up to 4 years	Measures every 1 h: Up to 2 years	Continuous reading: Not recommended with battery
Sensor	Class II laser, <1mW, 635nm		
Accuracy	+/- 3mm		
Measuring frequency	Every 2 h. Customizable.		
Case	IP65. High density polypropylene UV protection Size: 335 x 120 mm		
Communication	Radio. Frequency used according to the legislation of the country		
Data	<ul style="list-style-type: none"> - The data measured by the Silometric can be visualized in the web DIGITPLAN. - Data Export to a .xls file - Data integration with other systems using a Web Service or RS-485 and Modbus protocol 		

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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 the aforementioned product complies with the applicable requirements of the EC Directive and the current standards.



Check the industrial models for ATEX certified products.