SiloMetric®

Radar Technology

Radar technology to measure the level of solid powdery materials inside silos and bins.

+ Easy, wireless installation.
+ No maintenance.
+ Customisable reading frequency.
+ Long life battery power supply.
+ Recommended in dusty envoirements.

TECHNICAL SPECIFICATIONS

Measuring range	Up to 10m.
Operating temperature	From -40º to + 85º
Voltage	Lithium battery 3.6 V. Capacity 19000 mAh.
Battery life	Read every 2 hours: Up to 4 years. Read every hour: Up to 2 years. In continuous: not recommended with battery
Sensor	60 GHz Radar.
Accuracy	+/- 5 mm.
Measuring frequency	Preset to 2 h, customizable.
Enclosure	IP65. High density polypropylene, reinforced with fiberglass. UV treatment.
Communication	Wireless. Radio frequency, free band use: 443 MHz 868 Mhz, 905 Mhz, 922 Mhz, depending on country.
Material	Solid materials, recommended in dusty envoirements.
Dimensions	260 x 120 mm..
Data	The data measured by Silometric can be visualized on the web platform **Digitplan**. - Data export to a .xls file. - Data integration with other systems using a Web Service.

OPTIONALS

Continuous reading	Customizable reading. 5V. power supply is required in continuous reading.

Pol. Ind. La Canaleta, 3 25300 Tàrrega (Spain)

info@mcsystems.es (+34) 973 50 18 88

www.mcsystems.es

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CE MCSystems declares that the Silometric product complies with current regulations and standards.

Data sheet
February 2025

MCSystems® MONITORING CONTROL SYSTEMS

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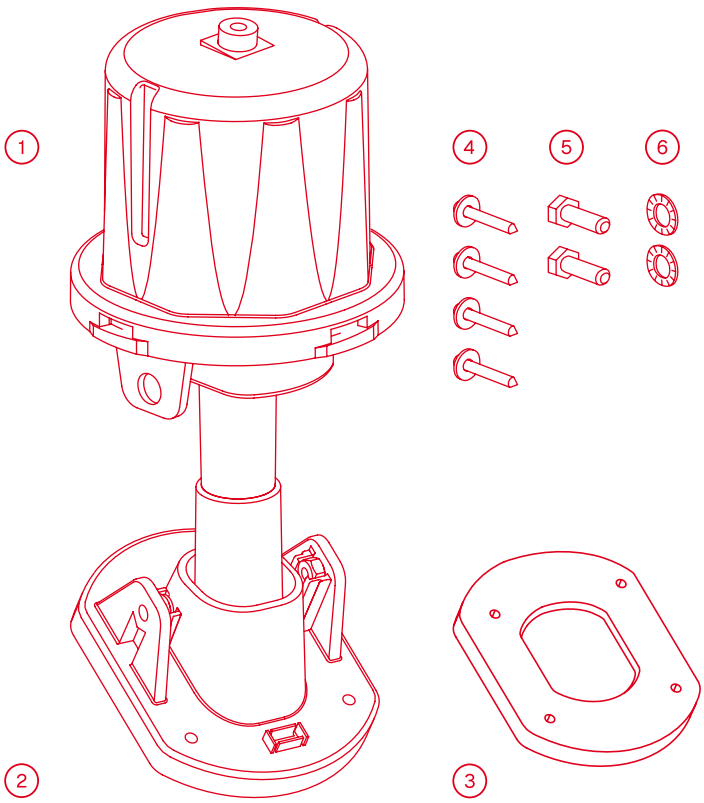

DEVICE PARTS

1. Silometric Dispositive
2. Support
3. Rubber gasket
4. Self-drilling screws 4.8 x 32 mm
5. M-6 INOX screws
6. M-6 INOX washers

Check the Installation Manual for more detailed information.

INSTALLATION

1. Drill a hole in the top of the tank, it is advisable to use a drill with a 55mm bit.

2. Fit the rubber gasket (3) on the lower part of the bracket (2).

3. Screw the bracket (2) tightening it over the hole, presenting the device Silometric (1) with the inclination to be mounted.

4. Mark the position of the bracket (2) with a pencil and mount it with the self-drilling screws (4).

5. Place the Silometric device (1) into the bracket, insert the washers (6) between the Silometric device.

6. Tighten the screws (5), adjust the tilt according to the level bubble and tighten to secure it.

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