

Level measurement

Guided wave radar **MOLOS_{wave}** **1**

Yo-Yo sensing systems **MOLOS_{bob}** **2**

Visualization **MOLOS_{visu}** **3**

Rotation **MOLOS_{roto}** **4**

Membrane **MOLOS_{membran}** **5**

level indicator

Vibration **MOLOS_{vibro}** **6**

Microwave barrier **MOLOS_{barrier}** **7**

Pendulum **MOLOS_{pendu}** **8**

Coding **MOLOS_{code}** **9**

Hose couplings

Limit switch **MOLOS_{switch}** **10**

Swivelling lever **MOLOS_{swing}** **11**

Lockable couplings **MOLOS_{lock}** **12**

Overfill protection **MOLOS_{safe}** **13**

Silo filling device **MOLOS_{safe}** **14**

Bulk solids handling

Pressure gauge **MOLOS_{pressdec}** **15**

Microwave flow sensor **MOLOS_{flow}** **16**

Pinch valves **MOLOS_{valve}** **17**

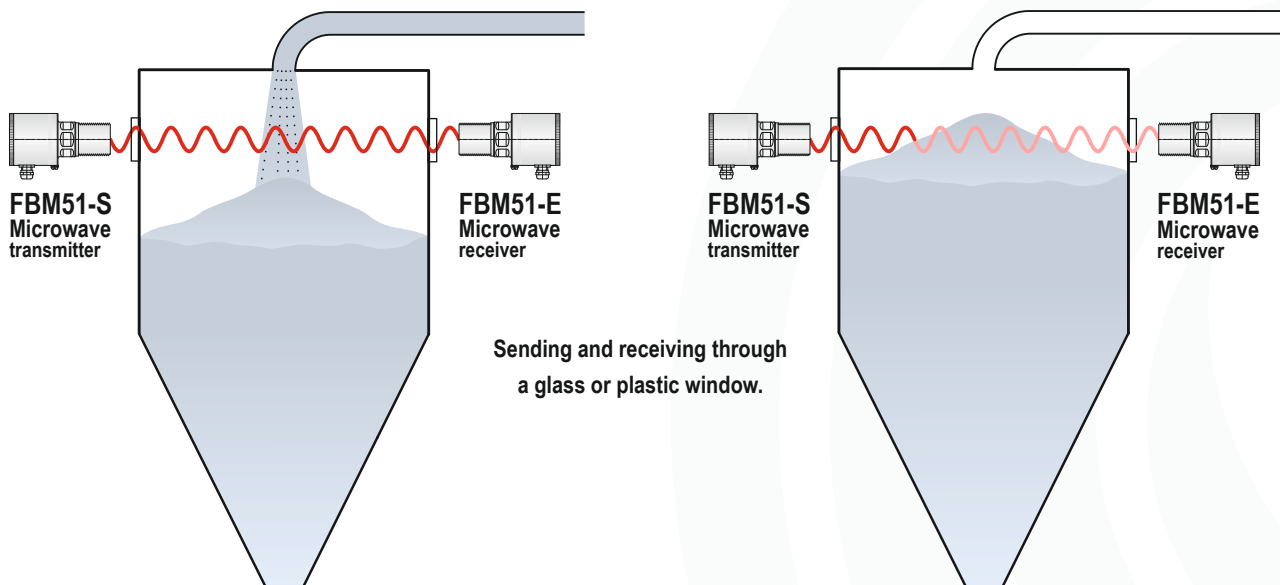


Product features

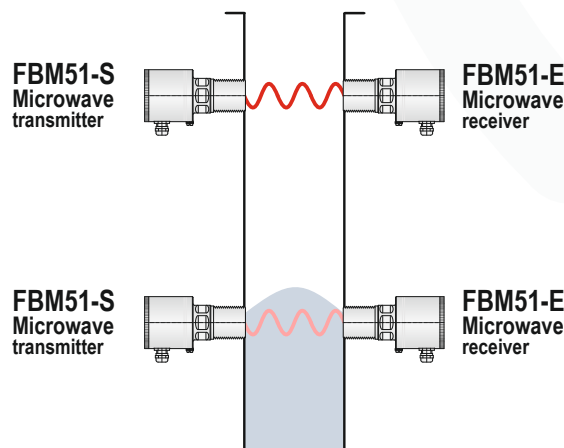
- non-contact point level measurement also for hazardous bulk solids
- transmitter and receiver with active self-monitoring
- microwave measuring system with variable transmission frequency

Non-contact level limit switch for bulk solids

Silos and bins



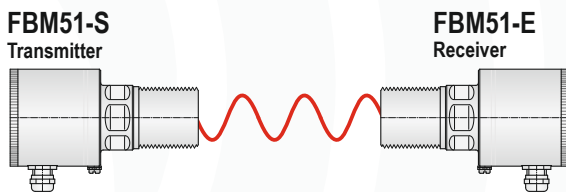
Level indication in outlet tubes.



Offer information 2024-2025

FBM51

Microwave barrier Level limit switch for bulk solids



ATEX option B9
Dust II 3D III C

Basic device

Choice of options

Microwave transmitter FBM51-S and receiver FBM51-E

A1 2 housings stainless steel 1.4301 / 304

Certifications, certificates, approvals

B0 **Standard** C€ conform IP65

B9 **ATEX** II 3D III C **Dust** (only with PTFE sensor surface)

Further approvals

Supply voltage

C5 18 V DC ... 30 V DC

Process temperature / $T_{(Process)}$

E0 -20 °C ... +85 °C

Pressure in the container / $p_{(Process)}$

P0 **Standard** 0 bar ... 6 bar

P2 0 bar ... 30 bar (only with ceramic sensor surface)

Sensor surface

S0 **Standard** PTFE

S1 Ceramic

Process connection

G3 G1½ DIN/ISO 228 stainless steel 1.4301 / 304

FBM51 A1 C5 E0 G3 ← Order code

>> on request we will be pleased to provide you an individual offer!

FBM51

Accessories

Accessories

Welding socket

MK3ST short steel St 37

MK3V4 short stainless steel 1.4571 / 316 Ti

ML3ST long steel St 37

ML3V4 long stainless steel 1.4571 / 316 Ti

K-SZIG2 DRG-PT DRG threaded flat sealing ring PTFE (white)

Offer information

This offer information is valid from 01.01.2024.

The previous offer lists are hereby invalid. No liability can be accepted for printing errors.

We only deliver according to our "General Terms and Conditions", which you can view and download at www.mollet-level.com.

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