

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**

Overload protection **MOLOS**
safe **13**

Silo filling device **MOLOS**
safe **14**

Bulk solids handling

Pressure device **MOLOS**
pressdec **15**

Microwave flow sensor **MOLOS**
flow **16**

Pinch valves **MOLOS**
valve **17**

MOLOS
flow

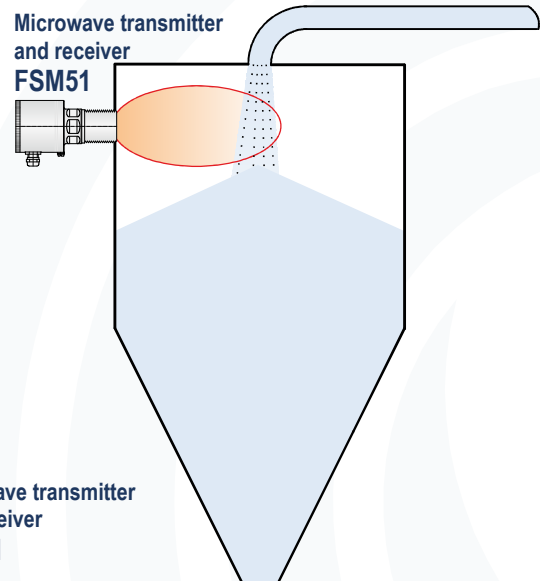


Advantages of the flow monitoring device:

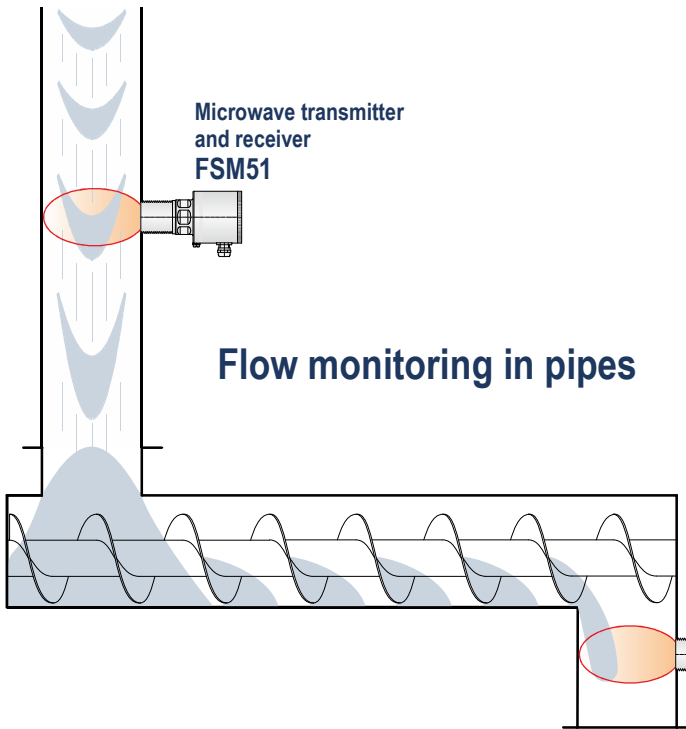
- Reliable flow monitoring with microwave measuring system
- Contactless measurement method
- Sensor with active self-monitoring
- Easy installation and commissioning
- Wear-free and maintenance-free continuous operation

Flow monitoring in silos

Microwave transmitter
and receiver
FSM51

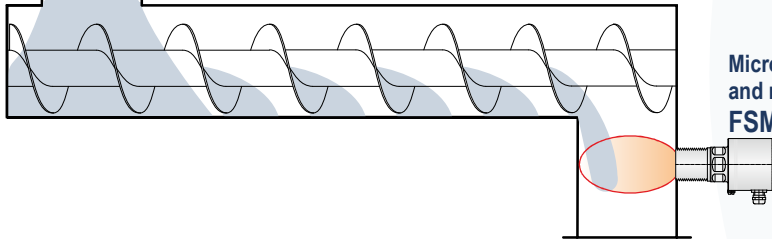


Microwave transmitter
and receiver
FSM51

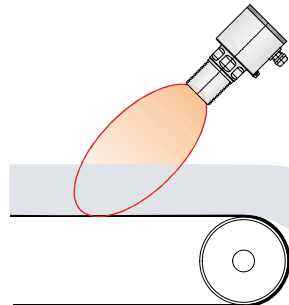


Flow monitoring in pipes

Microwave transmitter
and receiver
FSM51

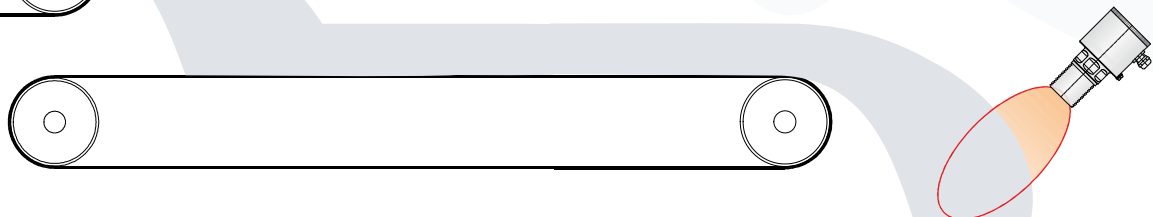


Microwave transmitter
and receiver
FSM51



Flow monitoring on conveying belts

Microwave transmitter
and receiver
FSM51



Auswahlliste

FSM51

Flow monitoring

for all bulk solids

ATEX option B9

Dust  II 3D Ex tc IIIC T95 °C Dc

Basic device


Choice of options

Microwave transmitter and receiver

A1 Housings stainless steel 1.4301 / 304

Certifications, certificates, approvals

B0 **Standard** = CE conform and IP65

B9 ATEX  II 3D Ex tc IIIC T95°C Dc **Dust** on request

Further approvals on request

Supply voltage

C5 18 V DC ... 30 V DC

Process temperature / $T_{(Process)}$

E0 -20°C ... +90°C

Container pressure / $p_{(Process)}$

P0 **Standard** = 0 bar ... 2 bar

P2 0 bar ... 25 bar (only with ceramic sensor surface) on request

Additional equipment

S0 **Standard** = PTFE sensor surface

S1 Ceramic sensor surface on request

Process connection

G3 G1½ DIN/ISO 228, stainless steel 1.4301 / 304

FSM51 A1 C5 E0 G3 ← Order code

FSM51

Accessories

Choice of accessories

MK3ST Welding socket short, steel

MK3V4 Welding socket short, stainless steel 1.4571 / 316 Ti

ML3ST Welding socket long, steel

ML3V4 Welding socket long, stainless steel 1.4571 / 316 Ti

MW3ST Welding socket angled, steel

MW3V4 Welding socket angled, stainless steel 1.4571 / 316 Ti

K-SZIG2 DRG-PT DRG thread flat seal ring, PTFE (white)

