

Level measurement

Guided wave radar	MOLOS wave	1
Yo-Yo sensing systems	MOLOS bob	2
Visualization	MOLOS visu	3

Level indicator

Rotation	MOLOS roto	4
Membrane	MOLOS membran	5
Vibration	MOLOS vibro	6
Microwave barrier	MOLOS barrier	7
Pendulum	MOLOS pendu	8

Hose couplings

Coding	MOLOS code	9
Limit swtich	MOLOS switch	10
Swivelling lever	MOLOS swing	11
Lockable couplings	MOLOS lock	12
Overload protection	MOLOS safe	13

Bulk solids handling

Silo filling device	MOLOS safe	14
Pressure device	MOLOS pressdec	15
Microwave flow sensor	MOLOS flow	16
Pinch valves	MOLOS valve	17

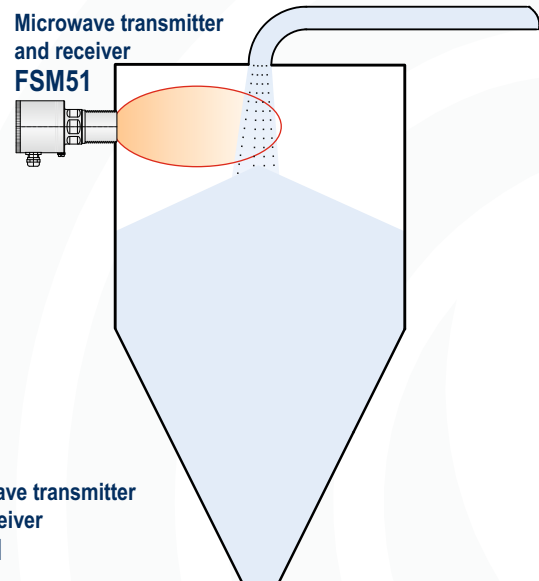
MOLOS
flow



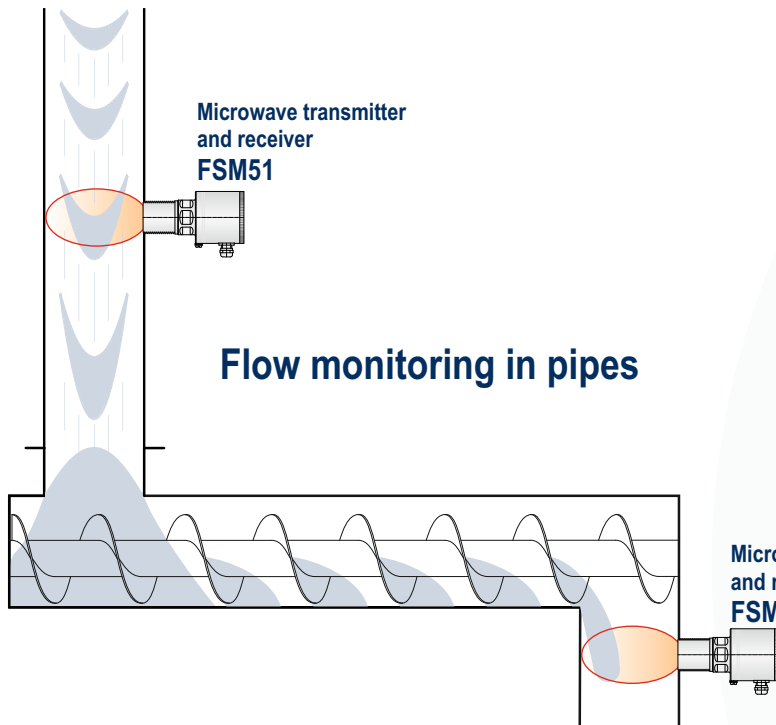
Advantages of the flow monitoring device:

- 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

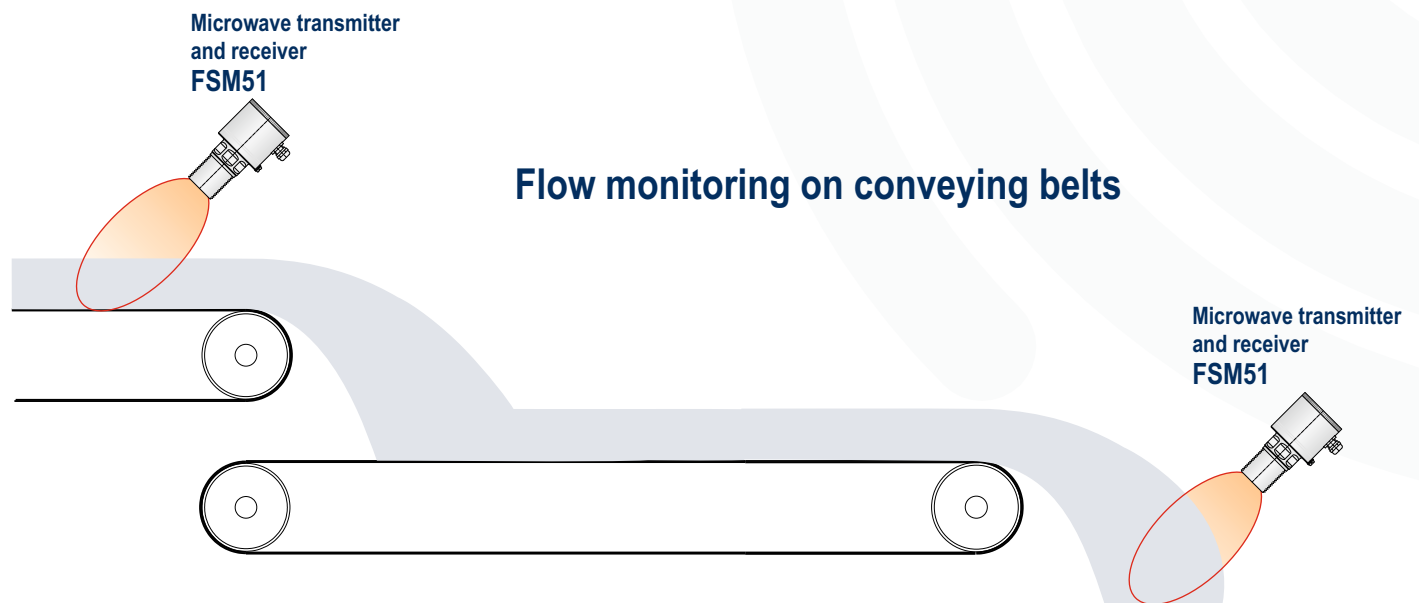
Flow monitoring in silos



Flow monitoring in pipes



Flow monitoring on conveying belts



Selection list

FSM51

Flow monitoring

for all bulk solids

ATEX option B9

Dust  II 3D IIIC

Basic device


Choice of options with

Microwave transmitter and receiver

A1 Housings stainless steel 1.4301 / 304

Certifications, certificates, approvals

B0 **Standard** = CE conform and IP65

B9 ATEX  II 3D IIIC **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)

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