

## 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**

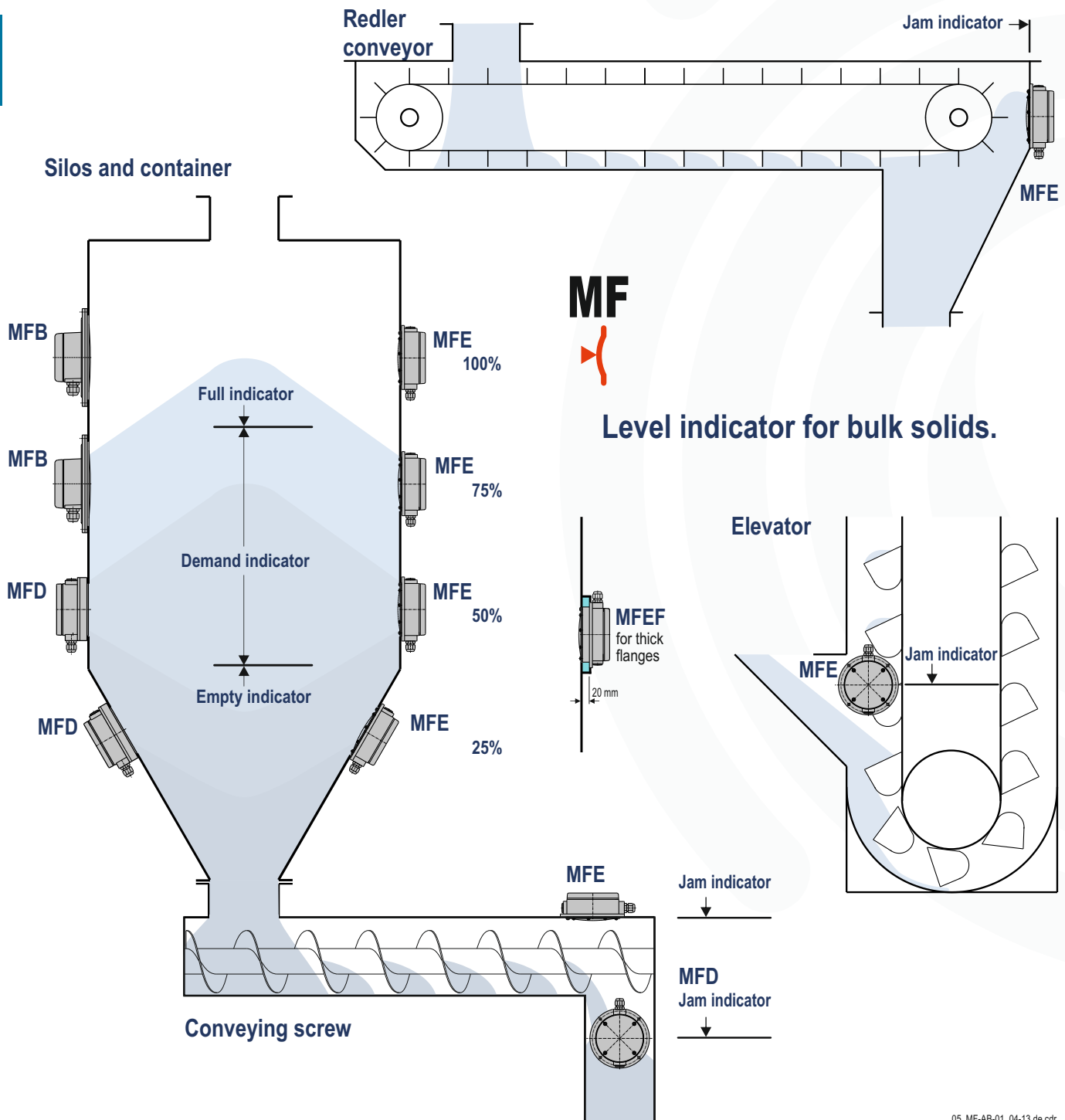
Pinch valves **MOLOS**  
valve **17**



### Advantages of membrane level indicators:

- reliable level indication for many different bulk solids
- flush with inside wall of the silo or container
- no energy required for sensor operating
- no cabling for power supply
- easy installation and commissioning

5



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**Selection list**

**MFA**

Plastic housing

**Basic device**

MFA - N ← Order code

**MFB**

Aluminium housing

**Basic device**

Choice of options

Membrane

- N NBR .....
- V VITON .....
- E Stainless steel 1.4301 / 304 .....

Mounting ring

- A Aluminium .....
- E Stainless steel 1.4301 / 304 .....

Certifications, approvals

Standard = CE conform IP65 .....

**B0** ATEX II 3D IIIB .....

>>> B0 with stainless steel membrane only

ATEX option

B0 **Dust**  II 3D IIIB

MFB - - - - ← Order code

**MFD**

Plastic housing

**Basic device**

Choice of options

Membrane

- N NBR .....
- V VITON .....

Mounting ring

- N Steel, galvanized .....
- E Stainless steel 1.4301 / 304 .....

Bescheinigungen, Zulassungen

Standard = CE conform IP65 .....

MFD - - - ← Order code

## Selection list

# 5 MFE MFEF

Plastic housing

ATEX option

B3 **Dust**  II 1/3D IIIC

## Basic device

### Choice of options

#### Membrane


- N NBR .....
- V VITON .....
- E Stainless steel 1.4301 / 304 .....

#### Mounting ring

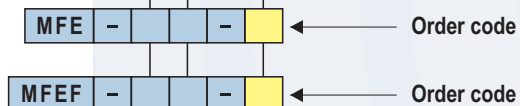
- N Steel, galvanized .....
- E Stainless steel 1.4301 / 304 .....

#### Certifications, approvals

**Standard** = CE conform IP65 .....

**B3** ATEX  II 1/3D IIIC .....

>>> B3 only with membrane and mounting ring made of stainless steel



## Selection list

# MFE-A MFEF-A

Aluminium  
housing

ATEX option

B1 **Dust**  II 1/2D III C

ATEX option **Gas+**  II 1/2D III C  
and II 2G IIC

B5 **Dust** **hybride mixtures**

## Basic device

### Choice of options

#### Membrane


**E** Stainless steel 1.4301 / 304 .....



#### Mounting ring

**E** Stainless steel 1.4301 / 304 .....

#### Certifications, approvals

**Standard** = CE conform and IP66 .....

**B1** ATEX  II 1/2D III C .....

**B5** ATEX  II 1/2D III C  
and  II 2G IIC .....

>>> B1 and B5 with stainless steel membrane only

MFE - A E E -  ← Order code

MFEF - A E E -  ← Order code

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