

## 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

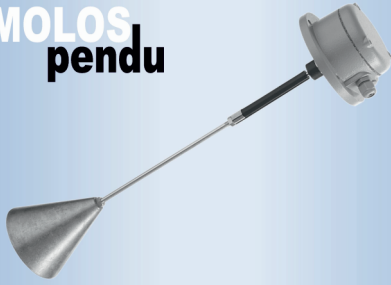
**16**

Pinch valves

**MOLOS**  
valve

**17**

**MOLOS**  
pendu



**Advantages of pendulum level indicators:**

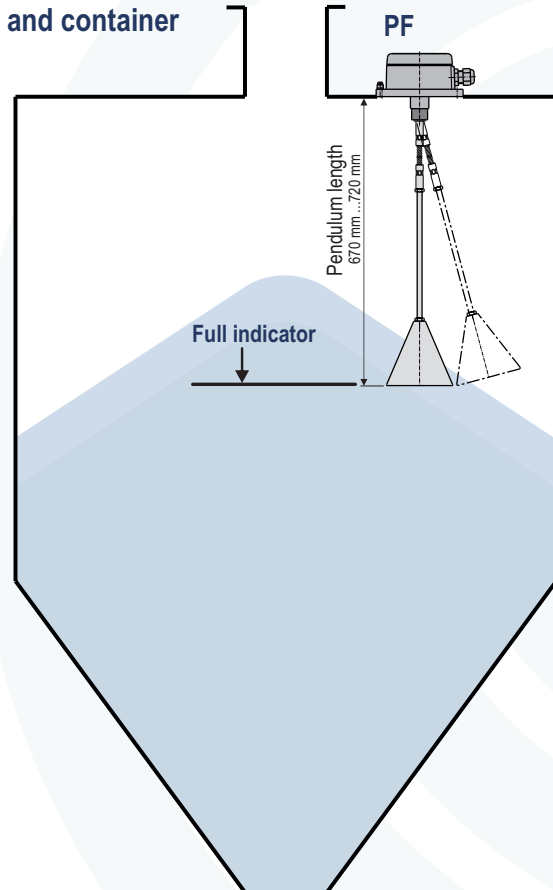
- reliable full indicator for bulk solids building a angle of repose
- very good price-performance-ratio
- use in potentially dust and gas explosive atmospheres possible
- easiest installation
- no operating energy necessary

**Level indicator for bulk solids.**

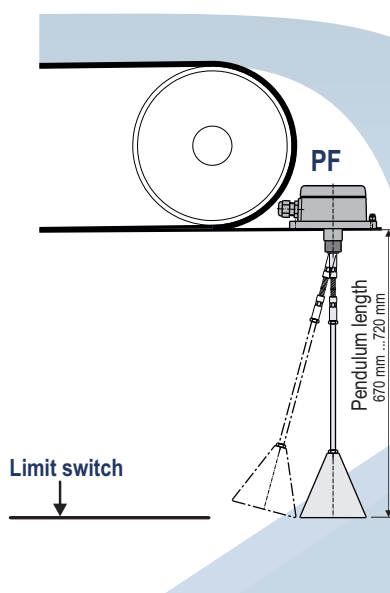
**PF**



Silos and container



Conveyor belt



05\_PF-AB-01\_04-13 de.cdr

## Selection list

**PF**

ATEX option

B1 **Dust**  II 1/2D IIIC

ATEX option **Gas + Dust**  II 1/2D IIIC  
and II 2G IIB  
**hybride mixtures**


## Basic device


Choice of options

Certifications, certificates, approvals

**Standard** = CE conform and IP66

**B1** ATEX  II 1/2D IIIC **Dust**

**B5** ATEX  II 1/2D IIIC and

ATEX  II 2G IIB **Gas + Dust**

Measuring part

**KF** Cone  
**RF** Tube  
**OF** Ball  
**XF** Cross

Material of pendulum

**A** Aluminium (not with option B5)  
**E** Stainless steel 1.4301 / 304

Pendulum length

**LP** Length from flange up to the end of the jib  
**1** 670 mm ... 720 mm (**standard**)  
further length ..... on request

PF - - LP ← Order code

8

**Delivery from Stock**

ordered until 12<sup>00</sup> - dispatched at 16<sup>00</sup>

€ Prices on request

CE 

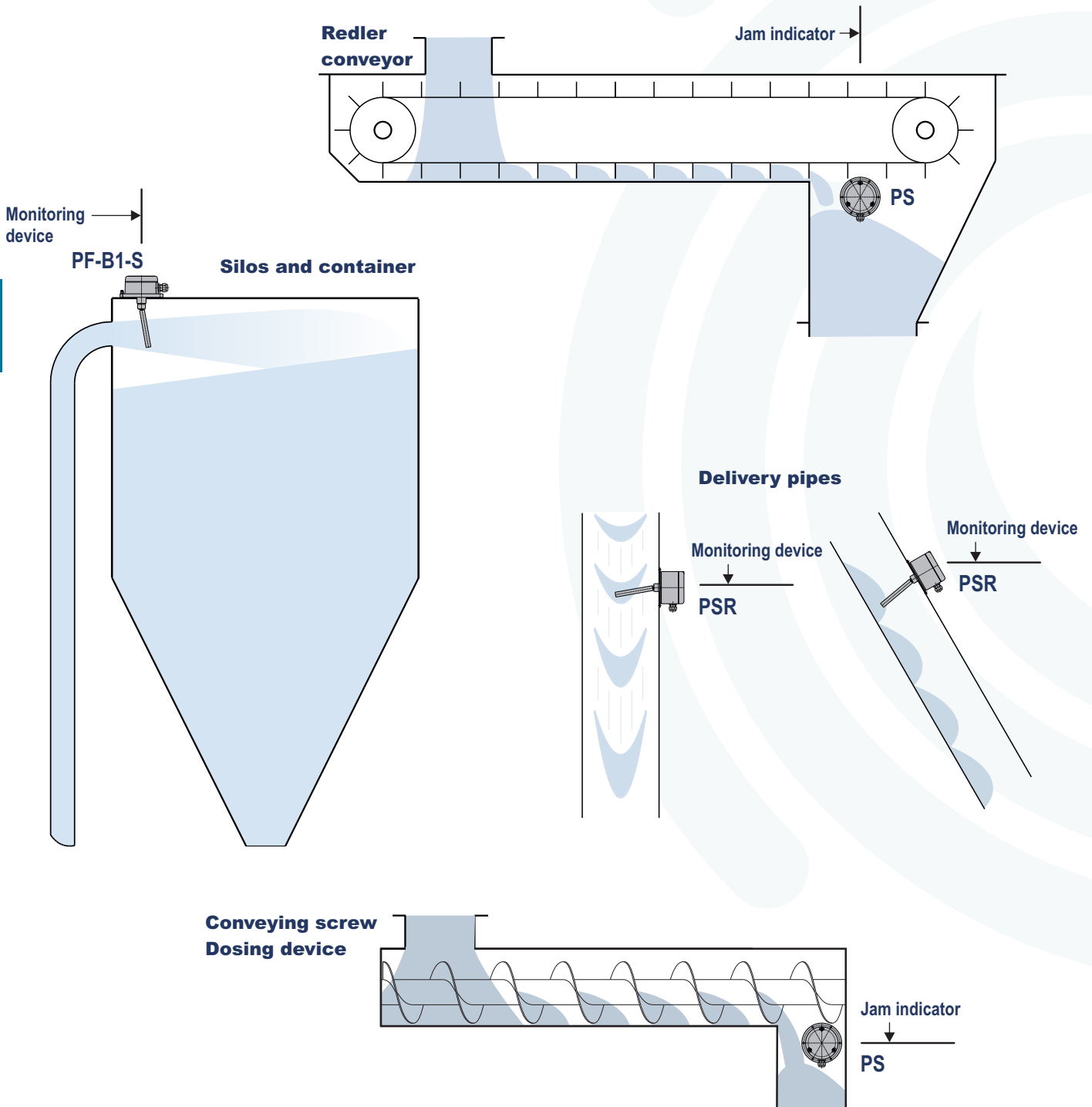


**Advantages of pendulum switches:**

- reliable monitoring device for bulk solids in motion
- versatile capabilities, e.g. as counter for sacks on a conveyor belt
- good price-performance-ratio
- easiest installation
- no operating energy necessary



8



## Selection list

**PS**  
with flat flange

**Basic device**

PS ← Order code

**PSR**  
with round flange for  
delivery pipes

**Basic device**

PSR ← Order code

**PF-B1-S**  
with flat flange

**Basic device**

PF - B1 - S ← Order code

B1 Dust  II 1/2D III C

**Delivery from Stock**  
ordered until 12<sup>00</sup> - dispatched at 16<sup>00</sup>

€ Prices  
on  
request

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