

Level measurement

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

Level indicator

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

**Intelligent
hose couplings**

Coding	MOLOS code	8
Limit switch	MOLOS switch	9
Swivelling lever	MOLOS swing	10
Lockable couplings	MOLOS lock	11
Overload protection	MOLOS safe	12

Silo protection

Pressure switch	MOLOS pressdec	13
Pinch valves	MOLOS valve	14

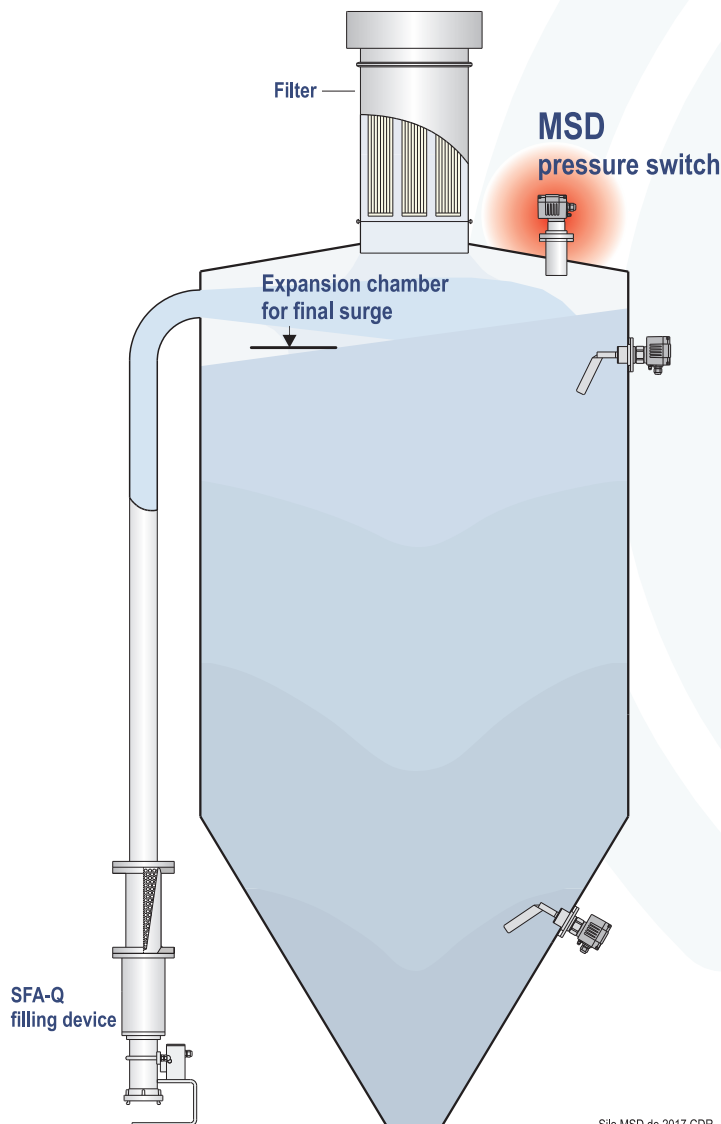


Advantages of the silo pressure detector:

- safe monitoring of over pressure in silos and bins
- a lot of safety for less money
- high reliability and easiest installation
- no operating power necessary

Pressure detector for limitation of the final surge at pneumatic filling process.

(Protection of silo and filter)



Silo MSD de 2017.CDR

Selection list

MSD-A

Metal housing

ATEX options

- | | | | |
|-----|--------------|--|--|
| B1 | Dust | | II 1/2D Ex ta/tb IIC T80 °C |
| B2 | Dust | | II 1D Ex ta IIC T80 °C |
| B5 | Gas+
Dust | | II 1/2D Ex ta/tb IIC T80 °C
and
II 2G Ex ib IIC T6 |
| B22 | Gas+
Dust | | II 1D Ex ta IIC T80 °C
and
II 1G Ex ia IIC T6 |

Basic device

Choice of options

Housing selection

- A1 **Standard** Compact aluminium housing
- A2 Stainless steel compact housing

Process connection

- F1A Flange Ø110, made of aluminium
- F1AI Flange Ø110, made of aluminium, ingredient-touched parts 1.4571.
- F1I Flange Ø110, made of stainless steel 316 Ti (only with option A2) ..

Certifications, approvals

- B0 **Standard** = CE conform and IP66
- B1 ATEX II 1/2D Ex ta/tb IIC T80°C
- B2 ATEX II 1D Ex ta IIC T80°C
- B5 ATEX II 1/2D Ex ta/tb IIC T80°C
- II 2G Ex ib IIC T6
- B22 ATEX II 1D Ex ta IIC T80°C
- II 1G Ex ia IIC T6
only with option A2 and F1I

MSD - - - - - ← Order code

MSD-070

Plastic housing

Basic device

Plastic housing = CE conform and IP65

Choice of options

Material of flange

- Standard** aluminium
- I Stainless steel (ingredient-touched parts 1.4571)

MSD-070 - - - - - ← Order code

MSD

Accessories

1) only available for MSD-A

Choice of accessories

- SH Weather protection hood with storm tape!
- SDK Condensation protection
- SDE Condensation protection, stainless steel!
- RST-DAE-SSM12Ex Condensation protection, stainless steel, ATEX

- 070-150-EST-STL ← Welding socket coated RAL7001
- 070-150-EST-STR ← Welding socket uncoated

