

Silo pressure detector



MSD

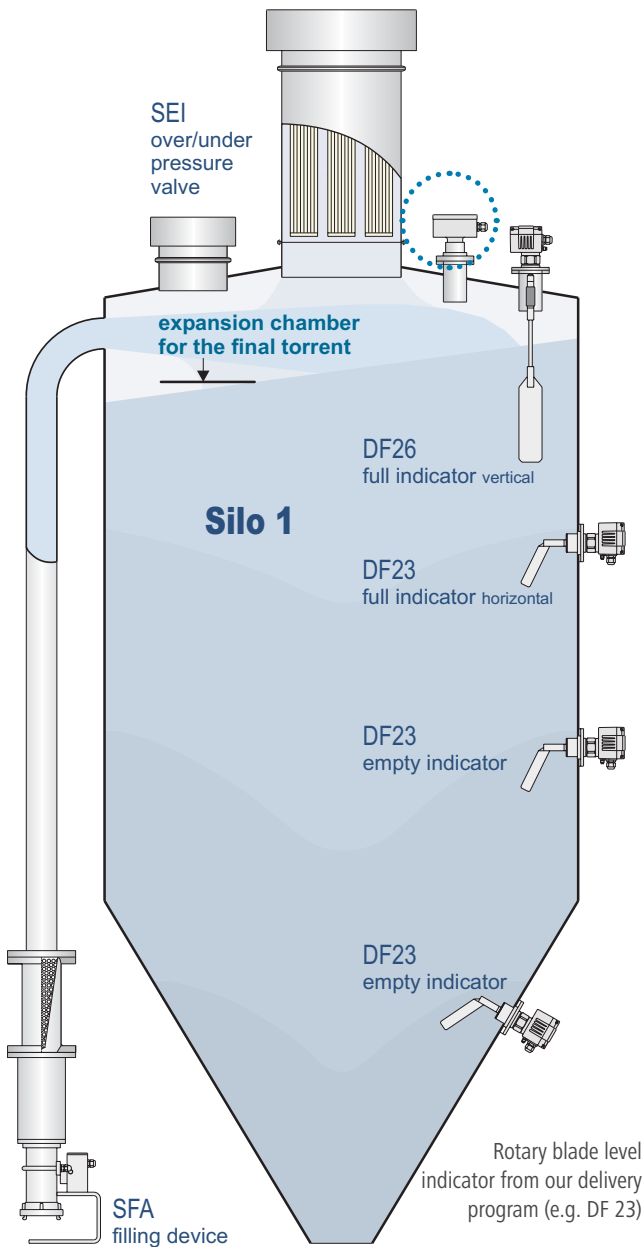
Silo pressure detector

MSD

Pressure detector



- ▶ The pressure detector is protecting silos and containers from too high pressure during the pneumatic filling process.



Silo filling devices, couplings, swivelling levers with limit switches from our delivery program

- ▶ silo overfill monitoring systems
- ▶ hose couplings



Function principle

Using the increasing pressure in the silo or container. If the pressure increases to the membrane in stainless steel, the signal switch will register this increase in pressure and will evaluate it.

Suitable for all industrial fields.

Technical Data

Materials

- ▶ housing: ABS, grey
- ▶ membrane: stainless steel
- ▶ flange: aluminium or stainless steel

Signal contact

change-over contact, potentialfree

Capacity of the contact 4 A / 250 V AC

Ambient temperature $-20\text{ °C} \leq T_a \leq +70\text{ °C}$

Bulk temperature $-25\text{ °C} \leq T_a \leq +80\text{ °C}$

Type of protection IP65

Maintenance none

Switching point factory setting at 40 mbar
(The switching point can be adjusted with another value at the factory.)

ATEX-Option

Ex type of protection

II 1/3D IP65 T 83 °C