

Silo pressure detector



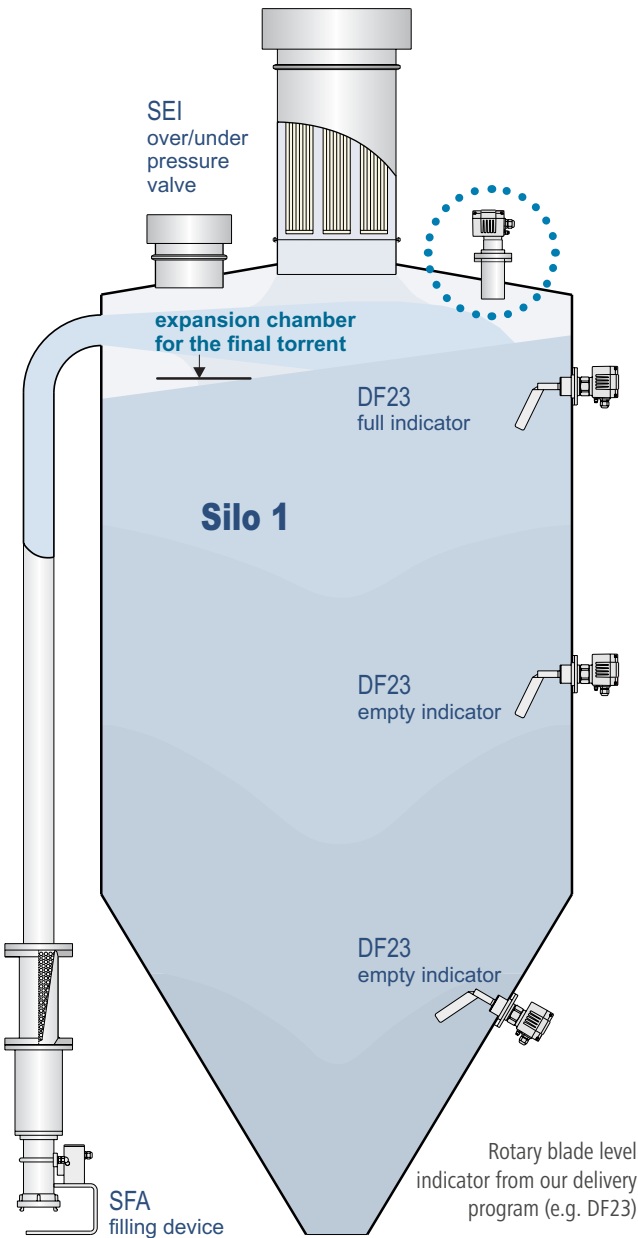
MSD

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 aluminium, RAL 7001 or stainless steel
- 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

IP66

Maintenance

none

Switching point

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

..... ATEX-Option

Ex types of protection

- ⚠ II 1D Ex ta IIIC T80°C
- ⚠ II 1G Ex ia IIC T6
- ⚠ II 1/2D Ex ta/tb IIIC T80°C
- ⚠ II 2G Ex ib IIC T6