

#### Reliable

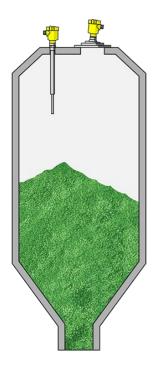
Reliable measurement, independent of media properties and container geometry

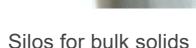
# Cost effective

Maintenance-free operation

### **User friendly**

Universally applicable for almost all bulk solids





# Level measurement and point level detection in silos

In the chemical industry, many different kinds of bulk solids are produced or used as raw materials. To ensure reliable measurement of silo contents, many factors must be considered: different bulk densities, abrasive properties, dust generation and the requirements of explosion protection. Implementation of the most suitable level sensors ensures optimal production planning and reliable logistics for the finished products.

More details



## **VEGAPULS 6X**

Non-contact radar level measurement in bulk solids silos

- Reliable measurement even with large amounts of dust and filling noise
- Suitable even for high, narrow silos or segmented containers, thanks to good signal focusing
- Can be used in media of differing consistency and in different measuring ranges
- Simple installation and calibration, even on filled silos





## **VEGAVIB 63**

Point level detection with vibrating level switches in bulk solids silos

- Universally applicable for all granulated bulk solids
- Wear and maintenance-free measurement
- Simple, adjustment-free setup and commissioning

**Show Product** 



# **VEGAPULS 6X Show Product**



Measuring range - Distance

120 m

Process temperature

-196 ... 450 °C

Process pressure

-1 ... 160 bar

Accuracy

± 1 mm

Frequency 6 GHz

26 GHz

80 GHz

Beam angle

≥ 3°

Materials, wetted parts

PTFE

PVDF

316L PP

PEEK

Threaded connection

 $\geq$  G<sup>3</sup>/<sub>4</sub>,  $\geq$  <sup>3</sup>/<sub>4</sub> NPT

Flange connection

≥ DN20, ≥ ¾"

Hygenic fittings

Clamp  $\geq 1\frac{1}{2}$ " - DIN32676, ISO2852

Slotted nut ≥ 2", DN50 - DIN 11851

Varivent ≥ DN25

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

Hygienic screw connections ≥ DN50 tube ø53 -

DIN11864-1-A

Hygienice flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection  $\geq$  DN50 pipe Ø53 - DIN11864-

3-A

DRD connection ø 65 mm

SMS 1145 DN51

**VEGAVIB 63** 

**Show Product** 



Process temperature

-50 ... 250 °C

Process pressure

-1 ... 16 bar

Version

Detection of solids in water

with tube extension

Materials, wetted parts

316L

Threaded connection

≥ G1, ≥ 1 NPT

Flange connection

≥ DN 32, ≥ 1½"

Hygenic fittings

Slotted nut ≥ 1½", ≥ DN40 - DIN 11851

Slotted nut ≥ 2", DN50 - DIN 11851

Varivent ≥ DN32

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

Hygienic screw connections ≥ DN50 tube ø53 -

DIN11864-1-A

Clamp ≥ 3½" , DN80 - DIN32676, ISO2852

Slotted nut ≥ 3", DN65 - DIN 11851

Hyg. collar clamp adapter DN40PN40 DIN11864-3-A

Seal material

no media contact

Housing material

Plastic

Aluminium

Stainless steel (precision casting)

Stainless steel (electropolished)

Protection rating

IP66/IP68 (0,2 bar)

IP66/IP67

IP66/IP68 (1 bar)

