



#### Reliable

Reliable measurement ensures a continuous supply of raw material

#### Cost effective

Optimal stocks enable continuous production

#### User friendly

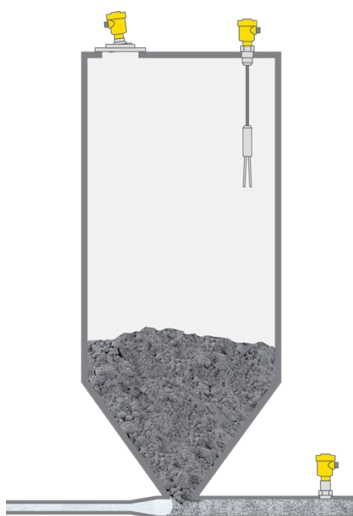
Maintenance-free operation

## Cement silo

### Level and pressure measurement and point level detection in cement silos

Before further processing, the cement is stored in tall silos. The cement is transported both in and out of the silo via pneumatic conveying. Efficient storage and transport of the product is ensured by accurate level measurement and point level detection, as well as also monitoring the pneumatic conveying system pressure.

[More details](#)



#### VEGAPULS 6X

Non-contact level measurement with radar in cement silos

- Reliable measurement, unaffected by dust generation and buildup
- Maintenance-free operation through non-contact measurement
- Simple mounting with swivelling holder

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#### VEGAWAVE 62

Vibrating level switch as overflow protection in cement silos

- Reliable function through product-independent switching point
- Robust sensor construction for long service life
- Simple setup without adjustment

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#### VEGABAR 82

Pressure transmitter for monitoring pressure in pipelines

- High plant availability ensured through very high overload resistance
- Maintenance-free operation with highly abrasion resistant ceramic CERTEC® measuring cell

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### VEGAPULS 6X

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**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**  
≥ G¾, ≥ ¾ NPT

**Flange connection**  
≥ DN20, ≥ ¾"

**Hygienic fittings**  
Clamp ≥ 1½" - 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  
Hygienic flange connection ≥ DN50 DIN11864-2  
Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-3-A  
DRD connection ø 65 mm  
SMS 1145 DN51

PRO

### VEGAWAVE 62

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**Measuring range - Distance**  
-

**Process temperature**  
-40 ... 150 °C

**Process pressure**  
-1 ... 6 bar

**Version**  
Detection of solids in water  
Suspension cable

**Materials, wetted parts**  
316L  
FEP  
PUR

**Threaded connection**  
≥ G1½, ≥ 1½ NPT

**Flange connection**  
≥ DN50, ≥ 2"

**Seal material**  
CR, CSM

**Housing material**  
Plastic  
Aluminium  
Stainless steel (precision casting)  
Stainless steel (electropolished)

**Protection rating**  
IP66/IP68 (0,2 bar)  
IP66/IP67  
IP66/IP68 (1 bar)

PRO

### VEGABAR 82

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**Measuring range - Distance**  
-

**Measuring range - Pressure**  
-1 ... 100 bar

**Process temperature**  
-40 ... 150 °C

**Process pressure**  
-1 ... 100 bar

**Accuracy**  
0.05 %

**Materials, wetted parts**  
PVDF  
316L  
Alloy C22 (2.4602)  
PP  
1.4057  
1.4410  
Alloy C276 (2.4819)  
Duplex (1.4462)  
Titanium Grade 2 (3.7035)

**Threaded connection**  
≥ G¾, ≥ ¾ NPT

**Flange connection**  
≥ DN15, ≥ ½"

**Hygienic fittings**  
Clamp ≥ 1" - DIN32676, ISO2852  
Slotted nut ≥ DN25 - DIN 11851  
hygienic fitting with tension flange DN32  
hygienic fitting F40 with compression nut  
DRD connection ø 65 mm  
SMS 1145 DN51  
SMS DN38  
Swagelok VCR screwing  
Varivent G125  
Varivent N50-40  
for NEUMO BioControl D50 PN16 / 316L

**Seal material**  
EPDM  
FKM  
FFKM