



Reliable

Reliable measurement ensures a continuous supply of raw material

Cost effective

Optimal stocks enable continuous production

User friendly

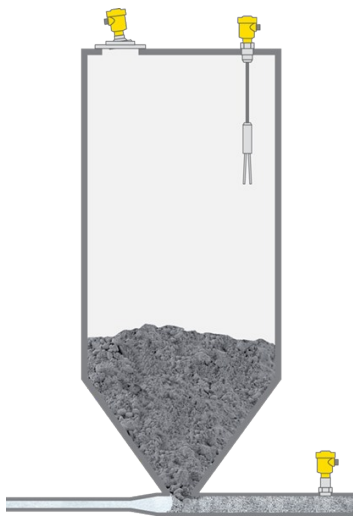
Maintenance-free operation

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

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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