



Reliable

Reliable measurement ensures a continuous supply of raw material

Cost effective

Optimal stocks enable continuous production

User friendly

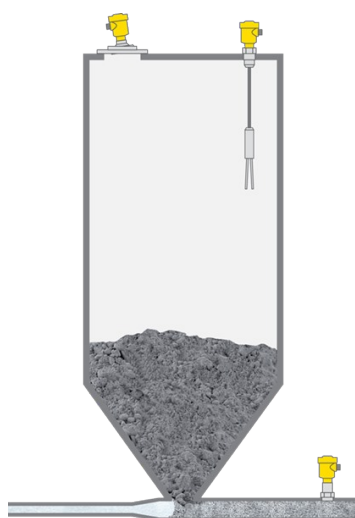
Maintenance-free operation

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 overfill 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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PRO	PRO	PRO
VEGAPULS 6X Show Product	VEGAWAVE 62 Show Product	VEGABAR 82 Show Product
		
Measuring range - Distance 120 m	Measuring range - Distance -	Measuring range - Distance -
Process temperature -196 ... 450 °C	Process temperature -40 ... 150 °C	Measuring range - Pressure -1 ... 100 bar
Process pressure -1 ... 160 bar	Process pressure -1 ... 6 bar	Process temperature -40 ... 150 °C
Accuracy ± 1 mm	Version Detection of solids in water Suspension cable	Process pressure -1 ... 100 bar
Frequency 6 GHz 26 GHz 80 GHz	Materials, wetted parts 316L FEP PUR	Accuracy 0.05 %
Beam angle ≥ 3°	Threaded connection ≥ G1½, ≥ 1½ NPT	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)
Materials, wetted parts PTFE PVDF 316L PP PEEK	Flange connection ≥ DN50, ≥ 2"	Threaded connection ≥ G¾, ≥ ¾ NPT
Threaded connection ≥ G¾, ≥ ¾ NPT	Seal material CR, CSM	Flange connection ≥ DN15, ≥ ½"
Flange connection ≥ DN20, ≥ ¾"	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	Hygienic fittings Clamp ≥ 1" - 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
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	Protection rating IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)	Seal material EPDM FKM FFKM