

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

Show Product

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

Show Product

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

Show Product



PRO	PRO	PRO
VEGAPULS 6X Show Product	VEGAWAVE 62 Show Product	VEGABAR 82 Show Product
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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	Process pressure -1 100 bar
Frequency 6 GHz	Suspension cable Materials, wetted parts	Accuracy 0.05 %
26 GHz 80 GHz	316L FEP	Materials, wetted parts
Beam angle ≥ 3°	PUR Threaded connection	316L Alloy C22 (2.4602)
Materials, wetted parts	≥ G1½, ≥ 1½ NPT Flange connection	PP 1.4057 1.4410
PVDF 316L	≥ DN50, ≥ 2" Seal material	Alloy C276 (2.4819) Duplex (1.4462)
PP PEEK	CR, CSM	Titanium Grade 2 (3.7035) Threaded connection
Threaded connection ≥ G¾, ≥ ⅔ NPT	Housing material Plastic	≥ G½, ≥ ½ NPT
Flange connection ≥ DN20, ≥ ¾"	Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	Flange connection ≥ DN15, ≥ ½"
Hygenic fittings Clamp ≥ 1½" - DIN32676, ISO2852 Slotted nut ≥ 2", DN50 - DIN 11851 Varivent ≥ DN25 hygienic fitting with tension flange DN32	Protection rating IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)	Hygenic fittings Clamp ≥ 1" - DIN32676, ISO2852 Slotted nut ≥ DN25 - DIN 11851 hygienic fitting with tension flange DN32 hygienic fitting F40 with compression nut DPD connection g 65 mm
hygienic fitting F40 with compression nut Hygienic screw connections ≥ DN50 tube ø53 - DIN11864-1-A Hygienice flange connection ≥ DN50 DIN11864-2		DRD connection ø 65 mm SMS 1145 DN51 SMS DN38 Swagelok VCR screwing Varivent G125
Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864- 3-A DRD connection ø 65 mm		Varivent N50-40 for NEUMO BioControl D50 PN16 / 316L
SMS 1145 DN51		Seal material EPDM FKM



FFKM