



Reliable

Reliable measurement ensured under all operating conditions

Cost effective

Optimal storage of the product

User friendly

Wear and maintenance-free

Lime powder silo

Level measurement and point level detection in lime powder silos

After the calcined lime is cooled, it is sorted into different sizes and stored for further processing. Most of the lime is further processed to lime powder. For optimum production planning, a reliable level measurement is a must.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in lime powder silos

- Reliable measurement despite heavy sensor buildup
- Very good beam focusing enables exact measurement, even with heavy deposits on the silo walls
- Maintenance-free operation thanks to non-contact measuring method

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VEGAWAVE 62

Overfill protection with vibrating level switch in fine lime silos

- Reliable function thanks to product-independent switching Point
- Reliable detection despite adhesive media
- Simple setup and commissioning without calibration
- Wear and maintenance-free

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PRO

PRO

VEGAPULS 6X

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VEGAWAVE 62

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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

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)