



#### 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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## 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)