



#### 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   |
|--|---|
| <b>VEGAPULS 6X</b><br><a href="#">Show Product</a>   | <b>VEGAWAVE 62</b><br><a href="#">Show Product</a>  |
|   |    |
| <b>Measuring range - Distance</b><br>120 m   | <b>Measuring range - Distance</b><br>-  |
| <b>Process temperature</b><br>-196 ... 450 °C  | <b>Process temperature</b><br>-40 ... 150 °C  |
| <b>Process pressure</b><br>-1 ... 160 bar  | <b>Process pressure</b><br>-1 ... 6 bar   |
| <b>Accuracy</b><br>± 1 mm  | <b>Version</b><br>Detection of solids in water<br>Suspension cable  |
| <b>Frequency</b><br>6 GHz<br>26 GHz<br>80 GHz  | <b>Materials, wetted parts</b><br>316L<br>FEP<br>PUR  |
| <b>Beam angle</b><br>≥ 3°  | <b>Threaded connection</b><br>≥ G1½, ≥ 1½ NPT   |
| <b>Materials, wetted parts</b><br>PTFE<br>PVDF<br>316L<br>PP<br>PEEK   | <b>Flange connection</b><br>≥ DN50, ≥ 2"  |
| <b>Threaded connection</b><br>≥ G¾, ≥ ¾ NPT  | <b>Seal material</b><br>CR, CSM   |
| <b>Flange connection</b><br>≥ DN20, ≥ ¾"   | <b>Housing material</b><br>Plastic<br>Aluminium<br>Stainless steel (precision casting)<br>Stainless steel (electropolished) |
| <b>Hygienic fittings</b><br>Clamp ≥ 1½" - DIN32676, ISO2852<br>Slotted nut ≥ 2", DN50 - DIN 11851<br>Varivent ≥ DN25<br>hygienic fitting with tension flange DN32<br>hygienic fitting F40 with compression nut<br>Hygienic screw connections ≥ DN50 tube ø53 - DIN11864-1-A<br>Hygienic flange connection ≥ DN50 DIN11864-2<br>Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-3-A<br>DRD connection ø 65 mm<br>SMS 1145 DN51 | <b>Protection rating</b><br>IP66/IP68 (0,2 bar)<br>IP66/IP67<br>IP66/IP68 (1 bar)   |