



#### Reliable

Reliable volume measurement of very lightweight media

#### Cost effective

Optimal use of storage capacity

#### User friendly

Maintenance-free operation

## Styrofoam silo

### Level measurement and point level detection in Styrofoam silos

In the manufacture of stucco with special insulating properties, Styrofoam is also added to the traditional sand, lime and cement mixture. With a bulk density of only a few grams per litre, Styrofoam balls are extremely light and therefore very difficult to measure. For cost-effective storage, reliable level measurement and point level detection are required.

[More details](#)



#### VEGAPULS 6X

Non-contact level measurement with radar in Styrofoam silos

- Easy alignment of measuring instrument thanks to integrated swivel mount and app for smartphones
- Reliable measurement in spite of very lightweight medium
- Maintenance-free operation through use of encapsulated antenna system

[Show Product](#)



#### VEGAWAVE 62

Overfill protection with vibrating level switch in Styrofoam silos

- Reliable function ensured by product-independent switching point
- High sensitivity even with low bulk densities
- Simple setup without calibration

[Show Product](#)

| 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)                                           |