



#### 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

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#### VEGAWAVE 62

Overflow 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

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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)