



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
VEGAPULS 6X Show Product	VEGAWAVE 62 Show Product
	
Measuring range - Distance 120 m	Measuring range - Distance -
Process temperature -196 ... 450 °C	Process temperature -40 ... 150 °C
Process pressure -1 ... 160 bar	Process pressure -1 ... 6 bar
Accuracy ± 1 mm	Version Detection of solids in water Suspension cable
Frequency 6 GHz 26 GHz 80 GHz	Materials, wetted parts 316L FEP PUR
Beam angle ≥ 3°	Threaded connection ≥ G1½, ≥ 1½ NPT
Materials, wetted parts PTFE PVDF 316L PP PEEK	Flange connection ≥ DN50, ≥ 2"
Threaded connection ≥ G¾, ≥ ¾ NPT	Seal material CR, CSM
Flange connection ≥ DN20, ≥ ¾"	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
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	Protection rating IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)