



### Reliable

Certified materials according to FDA and EC 1935/2004 regulations

### Cost effective

Interruption-free production through reliable measurement

### User friendly

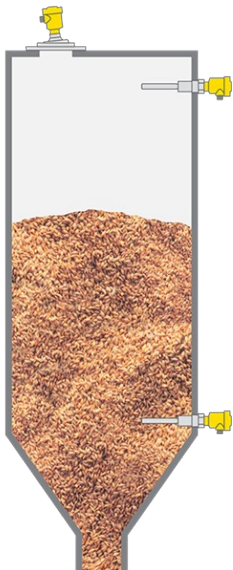
Maintenance-free operation, unaffected by deposits or buildup

## Raw material silo

### Level measurement and point level detection in a raw material silo

Hops, malt and raw fruit sugar are required as raw materials for the brewing process. The raw materials are stored in large silos. To ensure continuous supplies for production are maintained, the level must be constantly monitored.

[More details](#)



### VEGAWAVE 61

Vibrating level switch for level detection in silos

- Reliable detection, even of light bulk solids
- Robust design ensures long service life
- Reliable function due to product-independent switching point

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### VEGAPULS 69

Non-contact silo level measurement with radar

- Not influenced by silo internals due to good focusing
- Reliable measurement, unaffected by dust and deposits
- Easy sensor alignment with aiming swivel mounting and VEGA Tools app for smartphone

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PRO

PRO

**VEGAWAVE 61**  
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**VEGAPULS 69**  
[Show Product](#)
**Measuring range - Distance**

-

**Measuring range - Distance**

120 m

**Process temperature**

-50 ... 250 °C

**Process temperature**

-196 ... 450 °C

**Process pressure**

-1 ... 25 bar

**Process pressure**

-1 ... 160 bar

**Version**

Standard  
 Detection of solids in water  
 with temperature adapter

**Accuracy**

± 1 mm

**Materials, wetted parts**

316L

**Frequency**

6 GHz  
 26 GHz  
 80 GHz

**Threaded connection**

≥ G1½, ≥ 1½ NPT

**Beam angle**

≥ 3°

**Flange connection**

≥ DN50, ≥ 2"

**Materials, wetted parts**

PTFE  
 PVDF  
 316L  
 PP  
 PEEK

**Hygienic fittings**

Clamp ≥ 2", DN50 - DIN32676, ISO2852

**Seal material**

no media contact

**Threaded connection**

≥ G¾, ≥ ¾ NPT

**Housing material**

Plastic  
 Aluminium  
 Stainless steel (precision casting)  
 Stainless steel (electropolished)

**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