

#### 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

# **Show Product**



## **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

# **Show Product**



# **VEGAWAVE 61 Show Product**



Measuring range - Distance

-

Process temperature

-50 ... 250 °C

Process pressure

-1 ... 25 bar

Version

Standard

Detection of solids in water with temperature adapter

Materials, wetted parts

316L

Threaded connection

≥ G1½, ≥ 1½ NPT

Flange connection

≥ DN50, ≥ 2"

Hygenic fittings

Clamp ≥ 2", DN50 - DIN32676, ISO2852

Seal material

no media contact

Housing material

Plastic

Aluminium

Stainless steel (precision casting)

Stainless steel (electropolished)

**VEGAPULS 69** 

**Show Product** 



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"

Hygenic fittings

Clamp  $\geq 1\frac{1}{2}$ " - 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

Hygienice flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-

3-A

DRD connection ø 65 mm

SMS 1145 DN51

