



Reliable

Certified materials according to FDA and EC 1935/2004 regulations

Cost effective

Interruption-free production through reliable measurement

User friendly

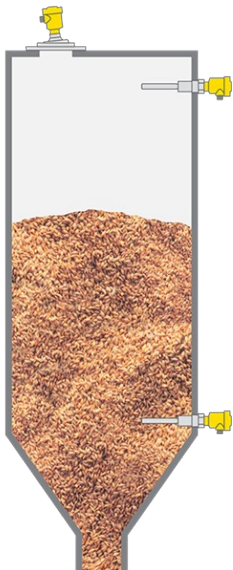
Maintenance-free operation, unaffected by deposits or buildup

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
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**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