



### Reliable

Certified materials according to FDA and EC 1935/2004 regulations

### Cost effective

Uninterrupted filling of the capsules thanks to reliable measurement

### User friendly

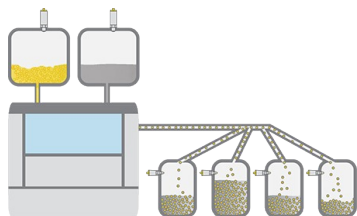
Automatic filling through continuous monitoring of the containers

## Capsule filling

### Level and point level measurement during the capsule filling process

The empty raw capsules and the active ingredient pellets are stored above the filling machine. Reliable level measurement is required here to ensure a continuous supply to the process. The capsules are only lightly stuck together and can be easily sucked apart by a vacuum, so that the upper part separates from the lower part. The pellets are then filled into the lower part of the capsule. After filling, the capsules are transported to the collecting vessels via a hose system. A level detection system serves as overflow protection in these containers.

[More details](#)



### VEGAPOINT 31

Point level monitoring with capacitive point level sensor in the collecting containers for filled capsules

- Simple operation, including optical switching display
- Reliable detection of the limit level, independent of medium
- Compact design ideally suited for tight spaces

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### VEGAPULS 42

Level measurement with radar in the active substance reservoir and capsule reservoir

- The smallest level changes are reliably monitored in the small vessel
- Approved materials according to FDA and EC 1935/2004 ensure hygienic storage
- Compact design ideal for tight spaces

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## BASIC

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**VEGAPOINT 31**  
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**VEGAPULS 42**  
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**Measuring range - Distance**

-

**Measuring range - Distance**

15 m

**Process temperature**

-40 ... 115 °C

**Process temperature**

-40 ... 130 °C

**Process pressure**

-1 ... 64 bar

**Process pressure**

-1 ... 16 bar

**Materials, wetted parts**316L  
PEEK**Accuracy**

± 2 mm

**Threaded connection**

≥ G½, ≥ ½ NPT

**Frequency**

80 GHz

**Hygienic fittings**Clamp ≥ 2", DN50 - DIN32676, ISO2852  
Clamp ≥ 1" - DIN32676, ISO2852  
Clamp ≥ 1½" - DIN32676, ISO2852  
Slotted nut ≥ 1½", ≥ DN40 - DIN 11851  
Slotted nut ≥ DN25 - DIN 11851  
Slotted nut ≥ DN32 - DIN 11851**Beam angle**

≥ 12°

**Materials, wetted parts**PTFE  
316L  
PEEK**Seal material**EPDM  
FKM**Threaded connection**

≥ G¾, ≥ ¾ NPT

**Hygienic fittings**

Universal connection G1" for hygiene adapter

**Protection rating**IP66/IP67  
IP69**Seal material**EPDM  
FKM**Output**Transistor (NPN/PNP)  
IO-Link**Ambient temperature**

-40 ... 70 °C