



Reliable

Certified materials according to FDA and EC 1935/2004 regulations

Cost effective

Uninterrupted filling of the capsules thanks to reliable measurement

User friendly

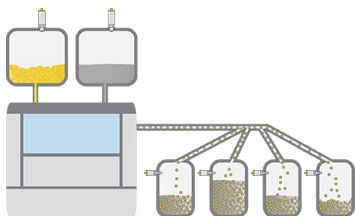
Automatic filling through continuous monitoring of the containers

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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**Measuring range - Distance**

-

Process temperature

-40 ... 115 °C

Process pressure

-1 ... 64 bar

Materials, wetted parts316L
PEEK**Threaded connection**

≥ G½, ≥ ½ NPT

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

-40 ... 70 °C

BASIC

VEGAPULS 42
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**Measuring range - Distance**

15 m

Process temperature

-40 ... 130 °C

Process pressure

-1 ... 16 bar

Accuracy

± 2 mm

Frequency

80 GHz

Beam angle

≥ 12°

Materials, wetted partsPTFE
316L
PEEK**Threaded connection**

≥ G¾, ≥ ¾ NPT

Hygienic fittings

Universal connection G1" for hygiene adapter

Seal materialEPDM
FKM