

Reliable

Certified materials according to FDA and EC 1935/2004 regulations

Cost effective

Uninterrupted filling of the capsules thanks to reliable measurement

User friendly

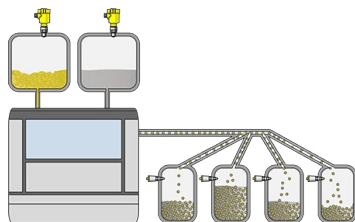
Automatic filling through continuous monitoring of the containers

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 6X

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

PRO

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Measuring range - Distance

-

Process temperature

-40 ... 115 °C

Process pressure

0 ... 25 bar

Materials, wetted parts
316L
PEEK
Threaded connection

≥ G½, ≥ ½ NPT

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

-40 ... 70 °C

VEGAPULS 6X
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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"

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