

Reliable

Approved materials acc. to FDA and EC 1935/2004

Cost effective

Continuous coating is ensured thanks to maintenance-free operation

User friendly

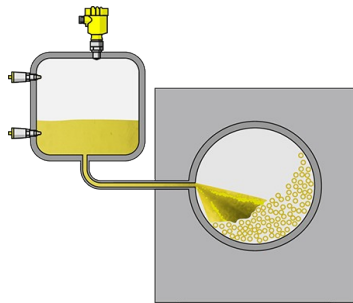
Simple mounting

Drum coater storage tank

Level measurement and point level detection in the storage tank of a drum coater

In the pharmaceutical industry, tablets are coated with colouring agents or active ingredients in a drum coater. This coating in the form of a liquid suspension, contains colouring or solids and is stored in a storage tank next to the drum. It is sprayed into the drum via nozzles for even distribution on the surface of the tablets. Reliable level measurement in the storage tank is required to ensure that there is always enough of the liquid suspension for tablet coating. Overflow and dry run protection is provided by a reliable level switch.

[More details](#)



VEGAPOINT 21

Capacitive level switch as overflow and dry run protection in a supply tank

- Simple operation, including optical switching display
- Reliable switching point, non-sensitive to buildup
- Compact design ideally suited for tight spaces

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VEGAPULS 6X

Non-contact level measurement with radar in a storage tank

- Reliable and accurate measurement even in small tanks
- Approved materials according to FDA and EC 1935/2004 ensure hygienic storage of the suspension
- Direct measured value display on the sensor and via Bluetooth for easy visualization of the container contents

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BASIC

PRO

VEGAPOINT 21

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VEGAPULS 6X

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Measuring range - Distance

-

Process temperature

-40 ... 115 °C

Process pressure

-1 ... 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

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