



Reliable

Reliable measurement, unaffected by media properties

Cost effective

Long service life ensures uninterrupted operation for extended periods

User friendly

Non-contact measurement through glass

Agitating tank

Level measurement and point level detection in an agitating tank

In the pharmaceutical industry, numerous liquids with widely different properties are required. Liquid intermediate products must be made available and held ready for further processes. To ensure smooth, continuous production, reliable level measurement and point level detection are essential.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in agitating tanks for raw and intermediate products

- Reliable measurement through inspection glass, independent of medium
- Wide dynamic range allows measurement even with slightly slanted windows
- Instrument ensures consistently reliable measurement, unaffected by temperature fluctuations and gas phases

[Show Product](#)



VEGASWING 63

Point level detection with vibrating level switches in agitating tanks for raw and intermediate products

- Level detector for all liquid media, regardless of viscosity
- Thanks to the exact switching point, the entire container capacity can be utilized and efficient production ensured despite changing media
- Simple setup and commissioning

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PRO

VEGAPULS 6X[Show Product](#)**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

PRO

VEGASWING 63[Show Product](#)**Process temperature**

-50 ... 250 °C

Process pressure

-1 ... 64 bar

Version

Standard

Hygienic applications

with gas-tight leadthrough

with tube extension

with temperature adapter

Materials, wetted parts

PFA

316L

Alloy C22 (2.4602)

Alloy 400 (2.4360)

ECTFE

Enamel

Threaded connection

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN25, ≥ 1"

Hygienic fittings

Clamp ≥ 1" - DIN32676, ISO2852

Slotted nut ≥ 1½", ≥ DN40 - DIN 11851

Varivent ≥ DN25

hygienic fitting F40 with compression nut

SMS 1145 DN51

SMS DN38

Hygienic fittings ≥ DN25 - DIN11864-1-A

Hygienic flange connection DIN11864-2-A;

DN60(ISO)ø60,3

SMS socket piece DN38 PN6

Seal material

no media contact

Housing material

Plastic

Aluminium

Stainless steel (precision casting)

Stainless steel (electropolished)

Protection rating

IP66/IP67

IP66/IP68 (1 bar)

IP65