



Reliable

Point level detection with WHG

Cost effective

Excellent material and process compatibility ensures long service life and uninterrupted operation

User friendly

Standardized housing and adjustment concept

Storage tanks for liquids

Liquid level measurement and switching in storage tanks for finished products

Many different liquids with widely varying properties are required in pharmaceutical production. Products, at all stages have to be stored and held ready for subsequent processing. These are used as catalysts for the decomposition of compounds and stored in a wide variety of concentrations, some of these products are acids. For smooth production and optimal storage, reliable level measurement and point level detection are absolutely necessary.

[More details](#)



VEGAPULS 6X

Non-contact level measurement with radar in storage tanks for liquid raw materials, intermediates and finished products

- Front-flush mounting and optimal cleaning fulfill strict hygienic requirements
- Consistently reliable, safe measurement, unaffected by temperature fluctuations and gas phases

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VEGASWING 63

Level detection with vibration in storage tanks for liquid finished products

- Level detector for all liquid media, regardless of viscosity
- Exact switch point enables entire container volume to be utilized - efficient production ensured, even with changing media
- Simple setup and commissioning

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PRO

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
≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ NPT

Flange connection
≥ DN20, ≥ $\frac{3}{4}$ "

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

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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
≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ 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