



Reliable

Reliable measurement right through tank top

Cost effective

Tank is less expensive because it needs fewer process fittings

User friendly

Simple installation

Chemical tanks

Level measurement and point level detection in the chemical tank

Through the addition of chemicals, phosphates in the wastewater are precipitated out, for example in primary sedimentation, in aeration systems or in special precipitation and secondary clarifiers. Precipitants like ferric chloride bind the phosphate chemically and deposit it in the sludge. In the storage tanks for these chemicals, a level measurement and point level detection system is deployed for continuous inventory control and optimal dosage.

[More details](#)



VEGAPULS 21

Continuous level measurement with radar for inventory monitoring of treatment chemicals

- Maintenance-free operation through non-contact 80 GHz radar technology
- Exact measuring results independent of product, process and ambient conditions
- Highly corrosion resistant materials ensure a long service life
- On plastic containers, measurement from the outside is possible, through the vessel top

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VEGASWING 63

Back up point level detection system to avoid overfilling the tank with media hazardous to water

- A choice of highly chemically resistant materials and coatings
- Universally applicable
- Adjustment and maintenance free operation

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BASIC

PRO

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VEGASWING 63

[Show Product](#)**Measuring range - Distance**

15 m

Process temperature

-40 ... 80 °C

Process pressure

-1 ... 3 bar

Accuracy

± 2 mm

Frequency

80 GHz

Beam angle

8°

Materials, wetted parts

PVDF

Threaded connection

G1½, 1½ NPT, R1½

Seal material

FKM

Housing material

Plastic

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