

Reliable

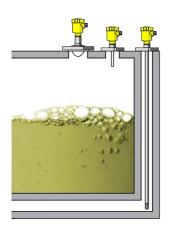
Reliable measurement despite changing process conditions

Cost effective

Optimum utilization of the vessel volume

User friendly

Complete, safe and automated operation of the facility



Receiving tank for hazardous waste

Level measurement and point level detection in a receiving tank

Hazardous waste can include lacquers, paints and thinners, as well as acids, alkalis and mixtures. At hazardous waste treatment facilities, environmentally harmful substances are converted into environmentally safe ones. Before treatment, the liquid hazardous waste is collected in receiving tanks. Level measuring systems ensure the automated, monitored operation of the facility, thereby protecting human health and the environment.

More details



VEGASWING 63

Vibrating level switch for leakage detection in the receiving tank

- Reliable detection of leaks in the wall of the receiving tank
- Fast and reliable function test via simple keypress
- Simple installation and setup

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VEGACAP 63

Capacitive point level detection in the receiving tank

- Maintenance-free overfill protection of the receiving tanks
- Exact and reliable function through product-independent switching point





VEGAPULS 6X

Level measurement with radar in the receiving tank

- Maintenance-free thanks to non-contact measurement of all media
- Small minimum distance, no mounting socket required
- Encapsulated antenna system ensures continuous availability

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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

≥ G3/4, ≥ 3/4 NPT

Flange connection

≥ DN25, ≥ 1"

Hygenic 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

VEGACAP 63
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Measuring range - Distance

-

Process temperature

-50 ... 200 °C

Process pressure

-1 ... 64 bar

Version

PE insulation

PE insulation and concentric tube

PTFE insulation

PTFE insulation with screening tube PN1

PTFE insulation with screening tube PN16

PTFE insulation with screening tube PN40

PTFE insulation and concentric tube

Materials, wetted parts

PTFE

316L

Alloy C22 (2.4602)

Alloy 400 (2.4360)

PE

Steel C22.8

Threaded connection

 \geq G½, \geq ½ NPT

Flange connection

≥ DN25, ≥ 1"

Seal material

no media contact

Housing material

Plastic

Aluminium

Stainless steel (precision casting)

Stainless steel (electropolished)

Protection rating

IP66/IP68 (0,2 bar)

IP66/IP67

IP66/IP68 (1 bar)

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"

Hygenic 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

Hygienice flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-

3-A

DRD connection ø 65 mm

SMS 1145 DN51

