

Reliable

Reliable measurement despite changing process conditions

Cost effective

Optimum utilization of the vessel volume

User friendly

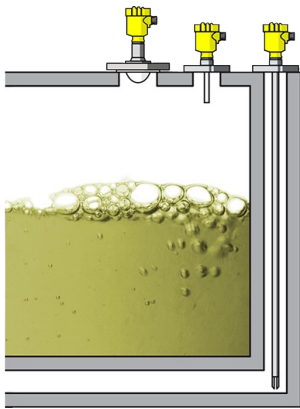
Complete, safe and automated operation of the facility

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 overflow protection of the receiving tanks
- Exact and reliable function through product-independent switching point

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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

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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
≥ 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

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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
≥ G½, ≥ 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)

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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
≥ 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