

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 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

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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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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