



Reliable

Reliable measurement, even with vapours and agitators in motion

Cost effective

Uninterrupted waste processing

User friendly

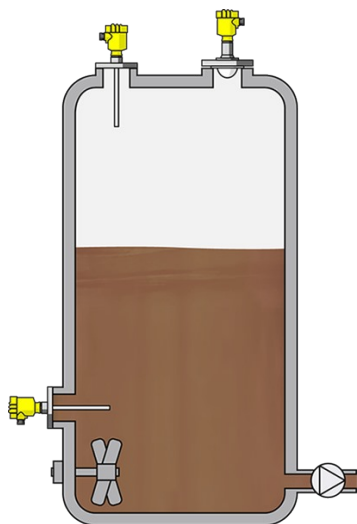
Non-contact measurement for all hazardous wastes

Intermediate hazardous waste storage tank

Level measurement and point level detection in an intermediate storage tank

Both chemical and thermal processes are used to treat hazardous waste. For efficient processing, the flow rate through the processing facility must be kept constant. To facilitate this, hazardous wastes such as varnishes, paints and thinners are buffered in tanks. Agitators prevent clumping and settling of the solids contained in the mixture. Reliable level measurement ensures continuous waste processing is maintained.

[More details](#)



VEGACAP 64

Capacitive limit level detection in the intermediate storage tank

- Overfill protection for the tank, dry run protection for pump and agitator
- Adjustment-free and unaffected by buildup
- Robust and maintenance-free thanks to proven measurement technology

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VEGAPULS 6X

Level measurement with radar in the intermediate storage tank

- Reliable measurement, even under difficult process conditions
- Precise measuring results, small blocking distance
- Unaffected by product surface turbulence caused by agitators
- Chemically resistant PTFE-encapsulated antenna System

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PRO

PRO

VEGACAP 64
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Measuring range - Distance

-

Process temperature

-50 ... 200 °C

Process pressure

-1 ... 64 bar

Version

PTFE insulation

Materials, wetted parts

PTFE
 316L
 Alloy C22 (2.4602)
 Steel C22.8

Threaded connection

≥ G¾, ≥ ¾ 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