



#### Reliable

Reliable measurement, even with vapours and agitators in motion

#### Cost effective

Uninterrupted waste processing

#### User friendly

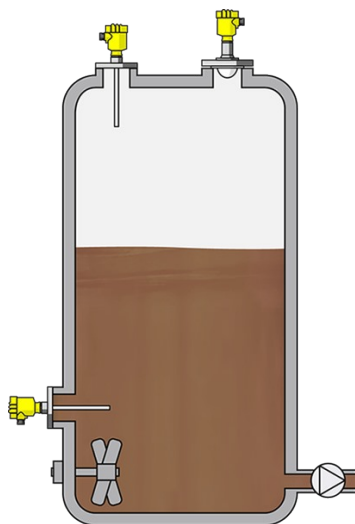
Non-contact measurement for all hazardous wastes

## 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

**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)

PRO

**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