



#### Reliable

High process reliability thanks to reliable measurement

#### Cost effective

Highly resistant materials enable long service life

#### User friendly

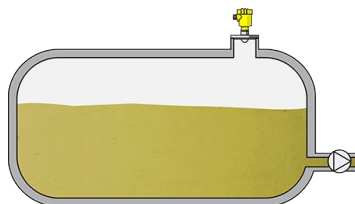
Simple installation and maintenance-free operation

## Storage tank

### Level measurement in storage tanks

In the production of pigments, aggressive raw materials such as chlorobenzene, hydrochloric acid and sodium hydroxide are used. They are stored in horizontal cylindrical tanks and filled through a dip pipe to reduce splashing and fume generation. A reliable level measurement ensures safe handling and continuous material availability for optimum productivity.

[More details](#)



### VEGAPULS 6X

Non-contact radar level measurement in storage tanks

- PTFE antenna is resistant to aggressive media
- Reliable measurement even under difficult process conditions
- Long service life ensured thanks to non-contact measuring method

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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