



Storage tank

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

Level measurement in storage tanks

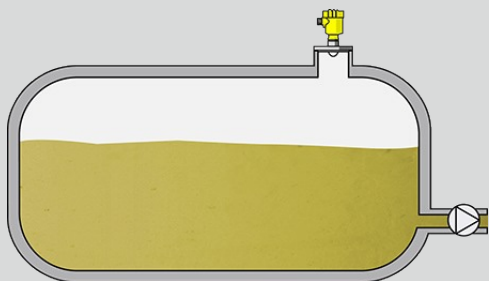
In the production of pigments, aggressive raw materials such as chlorobenzene, hydrochloric acid and sodium hydroxide are used. They are stored in horizontal cylindrical tanks and filled through a dip pipe to reduce splashing and fume generation. A reliable level measurement ensures safe handling and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



VEGAPULS 64

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





VEGAPULS 64

Measuring range - Distance

30 m

Process temperature

-196 ... 200 °C

Process pressure

-1 ... 25 bar

Accuracy

± 1 mm

Frequency

80 GHz

Beam angle

≥ 3°

Version

with plastic horn antenna ø 80 mm

Thread with integrated horn antenna

Flange with encapsulated antenna system

Hygienic fitting with encapsulated antenna system

Materials, wetted parts

PFA

PTFE

316L

Alloy C22 (2.4602)

PEEK

Threaded connection

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN50, ≥ 2"