

#### Reliable

Reliable measurement even during filling

### **Cost effective**

Reliable measurement of the entire container volume

User friendly Simple mounting and setup



# Pump tank

## Level measurement in a pump tank

Bauxite, lime and sodium hydroxide are ground and mixed in a ball mill – the mixture turns into a red slurry, which is then conveyed into the pumping tank. Some of the balls from the mill can potentially enter the tank along with the slurry. To prevent this from happening, the balls are collected in a weir arrangement, which overflows into the main tank. Level measurement in the tank avoids dry running of the pump and ensures a continuous process.

## More details



## **VEGAPULS 6X**

Radar sensor for continuous level measurement in the pump tank

- Unaffected by condensate and deposits on the antenna
- High corrosion resistance to caustic soda
- Maintenance-free through non-contact measurement

**Show Product** 



PRO	
VEGAPULS 6X Show Product	
Process tempo	erature
Process press	sure
Accuracy ± 1 mm	
Frequency 6 GHz 26 GHz 80 GHz	
Beam angle ≥ 3°	
Materials, wett PTFE PVDF 316L PP PEEK	ed parts
Threaded con ≥ G¾, ≥ ¾ NPT	
Flange connection ≥ DN20, ≥ ¾"	
1	DIN32676, ISO2852 , DN50 - DIN 11851
hygienic fitting v hygienic fitting F Hygienic screw DIN11864-1-A Hygienice flang	vith tension flange DN32 <sup>5</sup> 40 with compression nut connections ≥ DN50 tube ø53 - e connection ≥ DN50 DIN11864-2 connection ≥ DN50 pipe Ø53 - DIN11864- n ø 65 mm

