

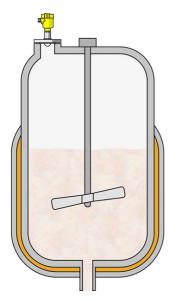
### Reliable

Reliable measurement despite small dielectric constants

## **Cost effective**

Reliable measurement of the entire reactor volume

User friendly Simple mounting and setup



# Reactor

# Level measurement in an aluminium powder suspension reactor

Aluminium powder suspension is an intermediate for titanium sponge production. In the reactor, vanadium oxide trichloride is removed from the aluminium powder suspension. When the aluminium powder suspension is fed into the reactor, strong turbulence arises on the product surface. To optimize the process, the level in the reactor must be accurately measured and monitored.

#### More details



## **VEGAPULS 6X**

Non-contact level measurement with radar in the reactor

- Good signal focussing allows use in tight spaces
- Unaffected by condensate and deposits on the antenna
- Strong focussing allows reliable measurement at close range and at the bottom of the tank as well as in media with low dielectric constant
- 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

