

Acid slurry tanks

#### Reliable

High reliability and accuracy for the whole lifetime

### Cost effective

Non-contact measuring principles eliminate maintenance needs

### **User friendly**

Simple mounting and setup

# **a**

More details

## **VEGAPULS 6X**

Acid level control and pressure monitoring

Level measurement with radar in the acid slurry tank

• Simple adjustment with PLICSCOM, HART handheld or PC

Acid slurries in the alkylation unit create an aggressive environment that requires robust, highly resistant

level measurement instrumentation to withstand the conditions. Accurately reporting the process levels

ensures that there is ample acid available for proper execution of the alkylation process.

- Very good signal focussing ensures accurate measurement even in small and narrow tanks
- Front-flush, encapsulated antenna is highly corrosion resistant



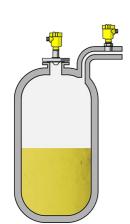


### **VEGABAR 82**

Pressure transmitter for pressure monitoring in the acid slurry tank

- Online calibration and reporting ensures reliability and accuracy
- Ceramic CERTEC® cell offers superior sealing and is cost-effective versus exotic alloys
- Resistant material performs well in the corrosive properties of acid

**Show Product** 





## **VEGAPULS 6X Show Product**



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

≥ G3/4, ≥ 3/4 NPT

Flange connection

≥ DN20, ≥ ¾"

Hygenic 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

Hygienice flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-

3-A

DRD connection ø 65 mm

SMS 1145 DN51

**VEGABAR 82** 

**Show Product** 



Measuring range - Distance

Measuring range - Pressure

-1 ... 100 bar

Process temperature

-40 ... 150 °C

Process pressure

-1 ... 100 bar

Accuracy

0.05 %

Materials, wetted parts

**PVDF** 

316L

Alloy C22 (2.4602)

PΡ

1.4057

1.4410

Alloy C276 (2.4819)

Duplex (1.4462)

Titanium Grade 2 (3.7035)

Threaded connection

≥ G½, ≥ ½ NPT

Flange connection

≥ DN15, ≥ ½"

Hygenic fittings

Clamp ≥ 1" - DIN32676, ISO2852

Slotted nut ≥ DN25 - DIN 11851

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

DRD connection ø 65 mm SMS 1145 DN51

SMS DN38

Swagelok VCR screwing

Varivent G125

Varivent N50-40

for NEUMO BioControl D50 PN16 / 316L

Seal material

**EPDM** 

FKM FFKM

