



Reliable

High reliability and accuracy for the whole lifetime

Cost effective

Non-contact measuring principles eliminate maintenance needs

User friendly

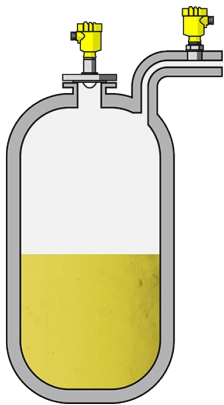
Simple mounting and setup

Acid slurry tanks

Acid level control and pressure monitoring

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.

[More details](#)



VEGAPULS 6X

Level measurement with radar in the acid slurry tank

- Simple adjustment with PLICSCOM, HART handheld or PC
- Very good signal focussing ensures accurate measurement even in small and narrow tanks
- Front-flush, encapsulated antenna is highly corrosion resistant

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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

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PRO

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

PRO

VEGABAR 82
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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)
 PP
 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"

Hygienic 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