



Reliable

High reliability and accuracy for the whole lifetime

Cost effective

Non-contact measuring principles eliminate maintenance needs

User friendly

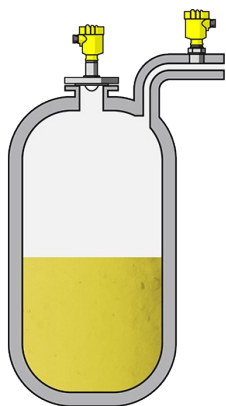
Simple mounting and setup

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	PRO
VEGAPULS 6X Show Product	VEGABAR 82 Show Product
	
Measuring range - Distance 120 m	Measuring range - Distance -
Process temperature -196 ... 450 °C	Measuring range - Pressure -1 ... 100 bar
Process pressure -1 ... 160 bar	Process temperature -40 ... 150 °C
Accuracy ± 1 mm	Process pressure -1 ... 100 bar
Frequency 6 GHz 26 GHz 80 GHz	Accuracy 0.05 %
Beam angle ≥ 3°	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)
Materials, wetted parts PTFE PVDF 316L PP PEEK	
Threaded connection ≥ G¾, ≥ ¾ NPT	
Flange connection ≥ DN20, ≥ ¾"	Threaded connection ≥ G½, ≥ ½ NPT
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	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