

Reliable

Reliable, service-proven technology

Cost effective

Minimal costs for maintenance and servicing

User friendly

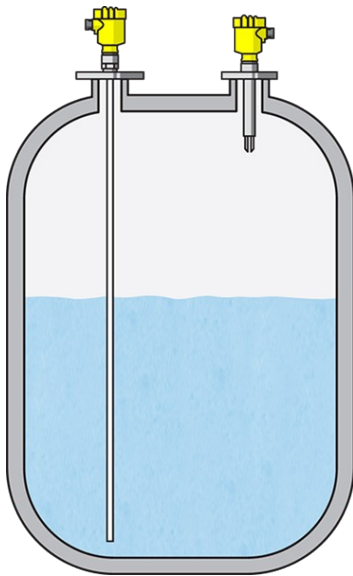
Simple setup and commissioning

Adipic acid mixing tank

Level measurement and point level detection in adipic acid mixing tank

Adding adipic acid to the lime milk increases the effectiveness of the desulfurization process in the absorber. This is done by mixing adipic powder with water in the mixing tank. This acid lowers operating costs because it reduces the amount of lime milk required. Various measurement systems ensure optimal control of the mixing ratio.

[More details](#)



VEGACAL 63

The capacitive level sensor monitors the level in the mixing vessel

- High chemical resistance with PTFE coating
- Long service life, low maintenance requirements
- Cost savings through simple installation and robust construction
- Measurement over the entire probe length, includes SIL2 approval

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VEGASWING 63

The coated vibrating level switch reliably prevents tank overfilling

- Product-independent switching point ensures millimetre-exact detection of the limit level
- Minimal costs for maintenance and servicing
- Available in various materials, includes Ex, WHG and SIL2 approval

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PRO

VEGACAL 63
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Measuring range - Distance
 6 m

Process temperature
 -50 ... 200 °C

Process pressure
 -1 ... 64 bar

Version
 PE insulation
 PE insulation and concentric tube
 PTFE insulation
 PTFE insulation with screening tube PN1
 PTFE insulation with screening tube PN16
 PTFE insulation with screening tube PN40
 PTFE insulation and concentric tube

Materials, wetted parts
 PTFE
 316L
 Alloy C22 (2.4602)
 Alloy 400 (2.4360)
 PE
 Steel C22.8

Threaded connection
 $\geq G\frac{1}{2}$, $\geq \frac{1}{2}$ NPT

Flange connection
 $\geq DN25$, $\geq 1"$

Seal material
 no media contact

Housing material
 Plastic
 Aluminium
 Stainless steel (precision casting)
 Stainless steel (electropolished)

Protection rating
 IP66/IP68 (0,2 bar)
 IP66/IP67
 IP66/IP68 (1 bar)

PRO

VEGASWING 63
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Process temperature
 -50 ... 250 °C

Process pressure
 -1 ... 64 bar

Version
 Standard
 Hygienic applications
 with gas-tight leadthrough
 with tube extension
 with temperature adapter

Materials, wetted parts
 PFA
 316L
 Alloy C22 (2.4602)
 Alloy 400 (2.4360)
 ECTFE
 Enamel

Threaded connection
 $\geq G\frac{3}{4}$, $\geq \frac{3}{4}$ NPT

Flange connection
 $\geq DN25$, $\geq 1"$

Hygienic fittings
 Clamp $\geq 1"$ - DIN32676, ISO2852
 Slotted nut $\geq 1\frac{1}{2}"$, $\geq DN40$ - DIN 11851
 Varivent $\geq DN25$
 hygienic fitting F40 with compression nut
 SMS 1145 DN51
 SMS DN38
 Hygienic fittings $\geq DN25$ - DIN11864-1-A
 Hygienic flange connection DIN11864-2-A;
 DN60(ISO) \varnothing 60,3
 SMS socket piece DN38 PN6

Seal material
 no media contact

Housing material
 Plastic
 Aluminium
 Stainless steel (precision casting)
 Stainless steel (electropolished)

Protection rating
 IP66/IP67
 IP66/IP68 (1 bar)
 IP65