

Reliable

Reliable, service-proven technology

Cost effective

Minimal costs for maintenance and servicing

User friendly

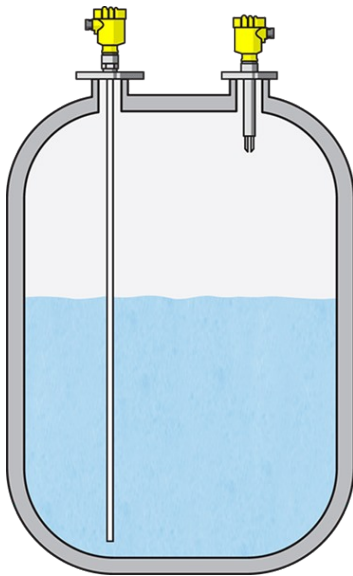
Simple setup and commissioning

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
≥ G $\frac{1}{2}$, ≥ $\frac{1}{2}$ NPT

Flange connection
≥ DN25, ≥ 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
≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ NPT

Flange connection
≥ DN25, ≥ 1"

Hygienic fittings
Clamp ≥ 1" - DIN32676, ISO2852
Slotted nut ≥ 1 $\frac{1}{2}$ ", ≥ DN40 - DIN 11851
Varivent ≥ DN25
hygienic fitting F40 with compression nut
SMS 1145 DN51
SMS DN38
Hygienic fittings ≥ DN25 - DIN11864-1-A
Hygienic flange connection DIN11864-2-A;
DN60(ISO)ø60,3
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