

#### Reliable

Reliable, service-proven technology

#### Cost effective

Minimal costs for maintenance and servicing

#### User friendly

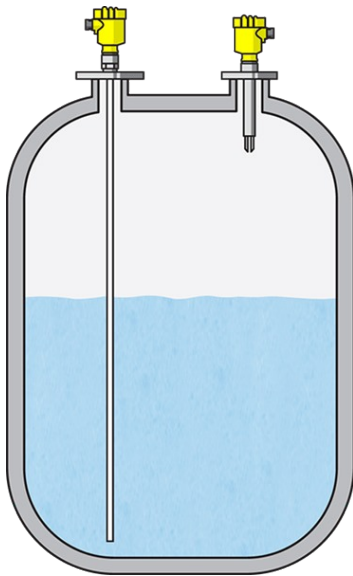
Simple setup and commissioning

## 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