



Reliable

High reliability and functional safety

Cost effective

Maintenance-free operation with simple calibration and proof testing

User friendly

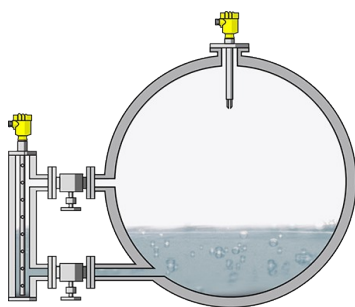
Fast and easy installation and setup

Anhydrous ammonia storage tank

Level measurement and point level detection in the anhydrous ammonia storage tank

During the sulfur removal process, nitrogen is converted into ammonia through a water wash process to be sold for fertilizer production. Stringent environmental restrictions and the high hazard potential make secure control of the levels in ammonia handling processes absolutely necessary.

[More details](#)



VEGASWING 63

Vibrating level switch for overfill protection

- Setup without filling reduces installation efforts
- Metal sealing protects against diffusion
- Easy function test by simple pushing a button

[Show Product](#)



VEGAFLEX 81

Level measurement with guided wave radar in the storage tank

- Front flush borosilicate glass seal provides uncompromising protection against diffusion
- Permeation resistance translates to freedom from maintenance and considerable savings
- Precise measurement results unaffected by boiling liquid surface or vapours

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PRO

VEGASWING 63[Show Product](#)**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 ≥ 1½", ≥ 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

PRO

VEGAFLEX 81[Show Product](#)**Measuring range - Distance**

75 m

Process temperature

-60 ... 200 °C

Process pressure

-1 ... 40 bar

Accuracy

± 2 mm

Version

Basic version for exchangeable cable ø 2; ø 4 mm
 Basic version for exchangeable rod ø 8 mm
 Basic version for exchangeable rod ø 12 mm
 Coax version ø 21.3 mm for ammonia application
 Coax version ø 21.3 mm with single hole
 Coax version ø 21.3 mm with multiple hole
 Coax version ø 42.2 mm with multiple hole
 Exchangeable rod ø 8 mm
 Exchangeable rod ø 12 mm
 Exchangeable cable ø 2 mm with gravity weight
 Exchangeable cable ø 4 mm with gravity weight
 Exchangeable cable ø 2 mm with centering weight
 Exchangeable cable ø 4 mm with centering weight
 Exchangeable cable ø 4 mm without weight
 exchangeable, PFA-coated cable ø4 mm with non-coated
 centering weight

Materials, wetted parts

PFA
 316L
 Alloy C22 (2.4602)
 Alloy 400 (2.4360)
 Alloy C276 (2.4819)
 Duplex (1.4462)
 304L

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

≥ DN25, ≥ 1"

Seal material

EPDM
 FKM
 FFKM
 Silicone FEP coated
 Borosilicate glass

Housing material

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