

Reliable

High reliability and functional safety

Cost effective

Maintenance-free operation with simple calibration and proof testing

User friendly

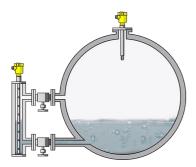
Fast and easy installation and setup

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

Show Product



PRO PRO **VEGASWING 63 VEGAFLEX 81 Show Product Show Product** Process temperature Measuring range - Distance -50 ... 250 °C 75 m Process pressure Process temperature -1 ... 64 bar -60 ... 200 °C Version Process pressure -1 ... 40 bar Standard Hygienic applications Accuracy with gas-tight leadthrough ± 2 mm with tube extension with temperature adapter Version Basic version for exchangeable cable ø 2; ø 4 mm Materials, wetted parts Basic version for exchangeable rod ø 8 mm PFA Basic version for exchangeable rod ø 12 mm 316L Coax version ø 21.3 mm for ammonia application Alloy C22 (2.4602) Coax version ø 21.3 mm with single hole Alloy 400 (2.4360) ECTFE Coax version ø 21.3 mm with multiple hole Coax version ø 42.2 mm with multiple hole Enamel Exchangeable rod ø 8 mm Threaded connection Exchangeable rod ø 12 mm ≥ G¾, ≥ ¾ NPT Exchangeable cable ø 2 mm with gravity weight Exchangeable cable ø 4 mm with gravity weight Flange connection Exchangeable cable ø 2 mm with centering weight ≥ DN25, ≥ 1" Exchangeable cable ø 4 mm with centering weight Exchangeable cable ø 4 mm without weight Hygenic fittings exchangeable, PFA-coated cable ø4 mm with non-coated Clamp ≥ 1" - DIN32676, ISO2852 centering weight Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Varivent ≥ DN25 Materials, wetted parts hygienic fitting F40 with compression nut PFA SMS 1145 DN51 316L SMS DN38 Alloy C22 (2.4602) Hygienic fittings ≥ DN25 - DIN11864-1-A Alloy 400 (2.4360) Hygienic flange connection DIN11864-2-A; Alloy C276 (2.4819) DN60(ISO)ø60,3 Duplex (1.4462) SMS socket piece DN38 PN6 304L Seal material Threaded connection no media contact $\geq G_{4}^{3} \geq \frac{3}{4}$ NPT Housing material Flange connection Plastic ≥ DN25, ≥ 1" Aluminium Seal material Stainless steel (precision casting) EPDM Stainless steel (electropolished) FKM Protection rating FFKM IP66/IP67 Silicone FEP coated IP66/IP68 (1 bar) Borosilicate glass IP65 Housing material Plastic Aluminium

Stainless steel (precision casting) Stainless steel (electropolished)

