



Reliable

High reliability and functional safety

Cost effective

Maintenance-free operation with simple calibration and proof testing

User friendly

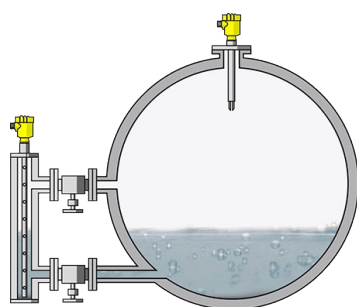
Fast and easy installation and setup

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

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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	PRO
VEGASWING 63 Show Product	VEGAFLEX 81 Show Product
	
Process temperature -50 ... 250 °C	Measuring range - Distance 75 m
Process pressure -1 ... 64 bar	Process temperature -60 ... 200 °C
Version Standard Hygienic applications with gas-tight leadthrough with tube extension with temperature adapter	Process pressure -1 ... 40 bar
Materials, wetted parts PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel	Accuracy ± 2 mm
Threaded connection ≥ G¾, ≥ ¾ NPT	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
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	Materials, wetted parts PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) Alloy C276 (2.4819) Duplex (1.4462) 304L
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	Threaded connection ≥ G¾, ≥ ¾ NPT
Protection rating IP66/IP67 IP66/IP68 (1 bar) IP65	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)