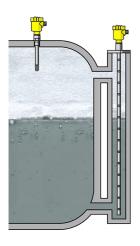


Reliable

Special sealing concept prevents diffusion

Cost effective Maximum tank utilization

User friendly Minimal maintenance costs



Ammonia tank

Level measurement and point level detection in the ammonia tank

The diffusion behaviour of ammonia is extreme, which means it can eventually pass through any conventional process fitting or elastomer seal. To avoid any long term leaks and unwanted outages, gastight process sealing and special safety configurations are therefore mandatory, which considerably restricts the choice of instrumentation. The high risk potential and tough environmental restrictions also make reliable control of the level absolutely necessary when handling ammonia.

More details



VEGAFLEX 81

Level measurement with guided radar in the ammonia tank

- Measurement is unaffected by the ammonia atmosphere
- Protection against ammonia diffusion using special sensor sealing concept
- Precise measurement data enables high process reliability

Show Product

VEGASWING 63

Vibrating level switch for overfill protection in the ammonia tank

- Absolutely diffusion-tight fully welded structure
- Simple setup without calibration
- Function test during operation reduces maintenance costs and increases process availability

Show Product



PRO	
VEGAFLEX 81	VEGASWING
Show Product	Show Produ
**** *	
Measuring range - Distance	Process temperature
75 m	-50 250 °C
Process temperature	Process pressure
-60 200 °C	-1 64 bar
Process pressure	Version
-1 40 bar	Standard
	Hygienic applications
Accuracy	with gas-tight leadthrough
± 2 mm	with tube extension
Version	with temperature adapter
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)
Coax version ø 21.3 mm with multiple hole	ECTFE
Coax version ø 42.2 mm with multiple hole	Enamel
Exchangeable rod ø 8 mm	
Exchangeable rod ø 12 mm	Threaded connection
Exchangeable cable ø 2 mm with gravity weight	≥ G ³ ⁄4, ≥ ³ ⁄4 NPT
Exchangeable cable ø 4 mm with gravity weight	Flange connection
Exchangeable cable ø 2 mm with centering weight	Flange connection
Exchangeable cable ø 4 mm with centering weight	≥ DN25, ≥ 1"
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 $\ge 1\frac{1}{2}$ ", $\ge DN40 - DIN 118$
Materials, wetted parts	Varivent ≥ DN25
PFA	hygienic fitting F40 with compression
316L	SMS 1145 DN51
Alloy C22 (2.4602)	SMS DN38
Alloy 400 (2.4360)	Hygienic fittings ≥ DN25 - DIN11864
Alloy C276 (2.4819)	Hygienic flange connection DIN1186
Duplex (1.4462)	DN60(ISO)ø60,3
304L	SMS socket piece DN38 PN6
Threaded connection	Seal material
≥ G¾, ≥ ¾ NPT	no media contact
Flange connection	Housing material
≥ DN25, ≥ 1"	Plastic
	Aluminium
Seal material	Stainless steel (precision casting)
EPDM	Stainless steel (electropolished)
FKM	
FFKM	Protection rating
Silicone FEP coated	IP66/IP67
Borosilicate glass	IP66/IP68 (1 bar) IP65
Housing material	11 ⁻⁰⁰
Plastic	
Aluminium	
Stainless steel (precision casting)	
Stainless steel (electronolished)	

Stainless steel (electropolished)

VEGA HOME OF VALUES