

#### Reliable

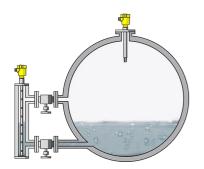
High reliability and functional safety

#### **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





# **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** 



# 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

≥ G34. ≥ 34 NPT

#### Flange connection

≥ DN25, ≥ 1"

# Hygenic 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

#### **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

≥ G¾, ≥ ¾ 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)

