



#### Reliable

Approvals for hazardous areas

#### Cost effective

Process instrumentation secures ongoing plant operation

#### User friendly

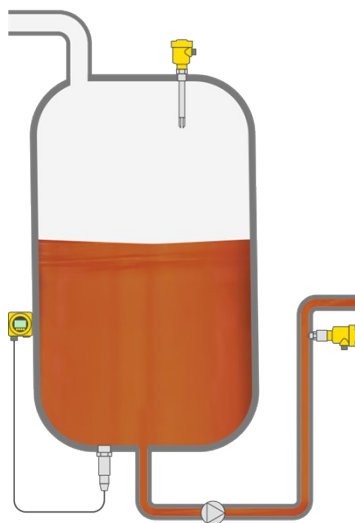
Standardised operation of all sensors

## Storage tanks for alcohol

### Level measurement and point level detection in the storage tank

Alcohol storage tanks are considered potentially explosive and are therefore kept in special rooms. When the alcohol is needed, it is pumped directly to the appropriate production vessel through a "ring main" supply system. Reliable measuring instruments are required for dependable measurement of the level in the tank and for monitoring the feed pressure in the pipeline.

[More details](#)



#### VEGABAR 82

Pressure transmitter for level measurement in the alcohol tank and for monitoring pressure in the supply main

- External housing allows easy reading of measured values in hazardous areas
- Small process fittings on the pipeline
- Resistant to dynamic CIP and SIP cleaning

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#### VEGASWING 63

Vibrating level switch in the alcohol tank for overflow protection

- Maintenance-free tuning fork reliably detects switch-off point regardless of the consistency of the alcohols
- Simple setup without adjustment
- Maximum reliability and safety in hazardous areas

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PRO

## VEGABAR 82

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**Measuring range - Distance**

-

**Measuring range - Pressure**

-1 ... 100 bar

**Process temperature**

-40 ... 150 °C

**Process pressure**

-1 ... 100 bar

**Accuracy**

0.05 %

**Materials, wetted parts**

PVDF  
 316L  
 Alloy C22 (2.4602)  
 PP  
 1.4057  
 1.4410  
 Alloy C276 (2.4819)  
 Duplex (1.4462)  
 Titanium Grade 2 (3.7035)

**Threaded connection**

≥ G½, ≥ ½ NPT

**Flange connection**

≥ DN15, ≥ ½"

**Hygienic fittings**

Clamp ≥ 1" - DIN32676, ISO2852  
 Slotted nut ≥ DN25 - DIN 11851  
 hygienic fitting with tension flange DN32  
 hygienic fitting F40 with compression nut  
 DRD connection ø 65 mm  
 SMS 1145 DN51  
 SMS DN38  
 Swagelok VCR screwing  
 Varivent G125  
 Varivent N50-40  
 for NEUMO BioControl D50 PN16 / 316L

**Seal material**

EPDM  
 FKM  
 FFKM

PRO

## VEGASWING 63

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**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**

≥ G¾, ≥ ¾ 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