

#### Reliable

Reliable, product-independent measurement

#### Cost effective

Optimal utilization of the container volume

#### User friendly

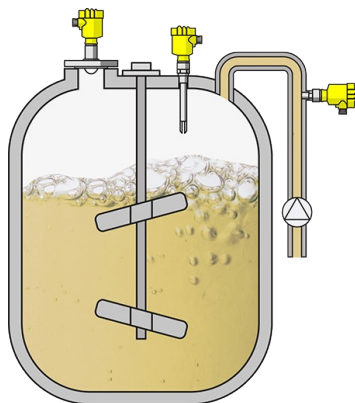
Simple installation and setup

## Storage tanks for chemicals and auxiliary substances

### Level, switching and pressure measurement in storage tanks

The targeted addition of chemicals and auxiliary substances influences the properties and quality of the paper. Common additives are hydrogen peroxide as well as alkalis, acids and fillers. These chemicals and additives are sometimes aggressive, produce vapours and are at temperatures of up to 95 °C. This means they are often stored in stainless steel or glass fibre reinforced plastic containers. Level and pressure measurements are essential for the safe filling and emptying of the storage tanks and for dry run protection of pumps.

#### More details



#### VEGAPULS 6X

Non-contact level measurement with radar in storage tanks

- Wear and maintenance-free through non-contact measurement
- Suitable for all media and container types
- High chemical resistance via PTFE-encapsulated antenna system

#### Show Product



#### VEGABAR 39

Pressure measurement as dry run protection for the chemical pumps

- Chemically resistant diaphragm
- Small, front-flush process fitting
- Adjustable switch points for signalling exceeding/falling pressure limits
- Signalling of switch and sensor status using full-colour LED-illuminated ring

#### Show Product



#### VEGASWING 63

Vibrating level switch as overflow protection in the storage tank

- Overflowing of the container is reliably prevented
- WHG-approved instrument ensures legal certainty
- Simple WHG (function) test via keystroke

#### Show Product

PRO

**VEGAPULS 6X**  
[Show Product](#)

**Measuring range - Distance**  
 120 m

**Process temperature**  
 -196 ... 450 °C

**Process pressure**  
 -1 ... 160 bar

**Accuracy**  
 ± 1 mm

**Frequency**  
 6 GHz  
 26 GHz  
 80 GHz

**Beam angle**  
 ≥ 3°

**Materials, wetted parts**  
 PTFE  
 PVDF  
 316L  
 PP  
 PEEK

**Threaded connection**  
 ≥ G¾, ≥ ¾ NPT

**Flange connection**  
 ≥ DN20, ≥ ¾"

**Hygienic fittings**  
 Clamp ≥ 1½" - DIN32676, ISO2852  
 Slotted nut ≥ 2", DN50 - DIN 11851  
 Varivent ≥ DN25  
 hygienic fitting with tension flange DN32  
 hygienic fitting F40 with compression nut  
 Hygienic screw connections ≥ DN50 tube ø53 - DIN11864-1-A  
 Hygienic flange connection ≥ DN50 DIN11864-2  
 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-3-A  
 DRD connection ø 65 mm  
 SMS 1145 DN51

BASIC

**VEGABAR 39**  
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**Measuring range - Pressure**  
 -1 ... 1000 bar

**Process temperature**  
 -40 ... 130 °C

**Accuracy**  
 0.3 %

**Materials, wetted parts**  
 316L

**Threaded connection**  
 ≥ G½, ≥ ½ NPT

**Hygienic fittings**  
 Clamp ≥ 2", DN50 - DIN32676, ISO2852  
 Clamp ≥ 1" - DIN32676, ISO2852  
 Clamp ≥ 1½" - DIN32676, ISO2852  
 Slotted nut ≥ DN25 - DIN 11851  
 Slotted nut ≥ DN32 - DIN 11851  
 SMS 1145 DN51  
 SMS DN38  
 Hygienic fittings ≥ DN25 - DIN11864-1-A  
 Hygienic fittings ≥ DN40 - DIN11864-1-A  
 Varivent N50-40  
 SMS DN25  
 Ingold connection PN10  
 Varivent F25

**Housing material**  
 Plastic

**Protection rating**  
 IP66/IP67

**Output**  
 4 ... 20 mA  
 Three-wire (PNP/NPN, 4 ... 20 mA)  
 IO-Link

**Ambient temperature**  
 -40 ... 70 °C

PRO

**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**  
 ≥ 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