

Reliable

Reliable, product-independent measurement

Cost effective

Optimal utilization of the container volume

User friendly

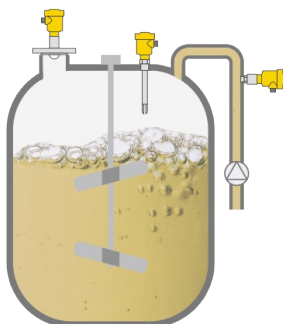
Simple installation and setup

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 overfill protection in the storage tank

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

Show Product

PRO	BASIC	PRO
VEGAPULS 6X Show Product	VEGABAR 39 Show Product	VEGASWING 63 Show Product
		
Measuring range - Distance 120 m	Measuring range - Pressure -1 ... 1000 bar	Process temperature -50 ... 250 °C
Process temperature -196 ... 450 °C	Process temperature -40 ... 130 °C	Process pressure -1 ... 64 bar
Process pressure -1 ... 160 bar	Accuracy 0.3 %	Version Standard Hygienic applications with gas-tight leadthrough with tube extension with temperature adapter
Accuracy ± 1 mm	Materials, wetted parts 316L	Materials, wetted parts PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel
Frequency 6 GHz 26 GHz 80 GHz	Threaded connection ≥ G¾, ≥ ¼ NPT	Threaded connection ≥ G¾, ≥ ¼ NPT
Beam angle ≥ 3°	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	Flange connection ≥ DN25, ≥ 1"
Materials, wetted parts PTFE PVDF 316L PP PEEK	Housing material Plastic	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
Threaded connection ≥ G¾, ≥ ¼ NPT	Protection rating IP66/IP67	Seal material no media contact
Flange connection ≥ DN20, ≥ ¾"	Output 4 ... 20 mA Three-wire (PNP/NPN, 4 ... 20 mA) IO-Link	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
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	Ambient temperature -40 ... 70 °C	Protection rating IP66/IP67 IP66/IP68 (1 bar) IP65