



#### Reliable

All materials are fully chemically resistant

#### Cost effective

Universal application, independent of product characteristics and process conditions

#### User friendly

Maintenance-free operation

## Chlorine storage tank

### Level measurement and point level detection in storage tanks for chlorine

Chlorine production and storage places high demands on the chemical and the diffusion resistance of the materials in the production equipment. Extensive process knowledge and experience is required when selecting the sealing materials. In fact it is decisive for the long-term, safe and profitable operation of the plant. Since the processes can only be interrupted at great expense and plant disruption, the reliability of the instrumentation is a top priority.

[More details](#)



#### VEGAPULS 6X

Level measurement with non-contact radar sensor in the storage tank for chlorine

- Reliable level measurement under all process conditions
- Optimum chemical resistance is ensured by a diffusion-tight, 8 mm thick PTFE disc
- Maintenance-free operation with very long service life

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#### VEGASWING 63

Point level detection with vibrating level switch in the storage tank for chlorine

- Reliable level detection under all process conditions in wide temperature and pressure ranges
- Various highly resistant materials are available to meet widely different demands on chemical resistance
- Simple function check with test button on the sensor

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PRO	PRO
<b>VEGAPULS 6X</b> <a href="#">Show Product</a>	<b>VEGASWING 63</b> <a href="#">Show Product</a>
	
<b>Measuring range - Distance</b> 120 m	<b>Process temperature</b> -50 ... 250 °C
<b>Process temperature</b> -196 ... 450 °C	<b>Process pressure</b> -1 ... 64 bar
<b>Process pressure</b> -1 ... 160 bar	<b>Version</b> Standard Hygienic applications with gas-tight leadthrough with tube extension with temperature adapter
<b>Accuracy</b> ± 1 mm	<b>Materials, wetted parts</b> PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel
<b>Frequency</b> 6 GHz 26 GHz 80 GHz	<b>Threaded connection</b> ≥ G¾, ≥ ¾ NPT
<b>Beam angle</b> ≥ 3°	<b>Flange connection</b> ≥ DN25, ≥ 1"
<b>Materials, wetted parts</b> PTFE PVDF 316L PP PEEK	<b>Hygienic fittings</b> 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
<b>Threaded connection</b> ≥ G¾, ≥ ¾ NPT	<b>Seal material</b> no media contact
<b>Flange connection</b> ≥ DN20, ≥ ¾"	<b>Housing material</b> Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
<b>Hygienic fittings</b> 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	<b>Protection rating</b> IP66/IP67 IP66/IP68 (1 bar) IP65