



## Storage tanks for additives

### Reliable

High operational reliability through the use of chemically resistant materials

### Cost effective

Optimal storage through reliable measurement

### User friendly

Simple setup and commissioning

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

For many processes, additives such as sulfuric or hydrochloric acid are required. These are kept ready for use in storage tanks. Level measurement is needed here to ensure availability of the additives.



#### VEGAPULS 64

Non-contact level measurement with radar in storage tanks

- Exact measuring results, independent of media properties
- Highly corrosion resistant materials ensure a long service life
- Maintenance-free operation through non-contact measuring method



#### VEGASWING 63

Vibrating level switch as overflow protection in storage tanks

- Product-independent switching point ensures exact detection of limit level
- Simple setup without adjustment
- Test button for easy checking of the measuring instrument during operation





| VEGAPULS 64   | VEGASWING 63  |
|---|---|
| Measuring range - Distance<br>30 m  | Process temperature<br>-50 ... 250 °C   |
| Process temperature<br>-196 ... 200 °C  | Process pressure<br>-1 ... 64 bar   |
| Process pressure<br>-1 ... 25 bar   | Version<br>Standard<br>Hygienic applications<br>with gas-tight leadthrough<br>with tube extension<br>with temperature adapter   |
| Accuracy<br>± 1 mm  | Materials, wetted parts<br>PFA<br>316L<br>Alloy C22 (2.4602)<br>Alloy 400 (2.4360)<br>ECTFE<br>Enamel   |
| Frequency<br>80 GHz   | Threaded connection<br>≥ G¾, ≥ ¾ NPT  |
| Beam angle<br>≥ 3°  | Flange connection<br>≥ DN25, ≥ 1"   |
| Version<br>with plastic horn antenna ø 80 mm<br>Thread with integrated horn antenna<br>Flange with encapsulated antenna system<br>Hygienic fitting with encapsulated antenna system | Hygienic fittings<br>Clamp ≥ 1" - DIN32676, ISO2852<br>Slotted nut ≥ 1½", ≥ DN40 - DIN 11851<br>Varivent ≥ DN25<br>hygienic fitting F40 with compression nut<br>SMS 1145 DN51<br>SMS DN38<br>Hygienic fittings ≥ DN25 - DIN11864-1-A<br>Hygienic flange connection DIN11864-2-A;<br>DN60(ISO)ø60,3<br>SMS socket piece DN38 PN6 |
| Materials, wetted parts<br>PFA<br>PTFE<br>316L<br>Alloy C22 (2.4602)<br>PEEK  | Seal material<br>no media contact   |
| Threaded connection<br>≥ G¾, ≥ ¾ NPT  | Housing material<br>Plastic<br>Aluminium<br>Stainless steel (precision casting)<br>Stainless steel (electropolished)  |
| Flange connection<br>≥ DN50, ≥ 2"   | Protection rating<br>IP66/IP67<br>IP66/IP68 (1 bar)<br>IP65   |