

#### Reliable

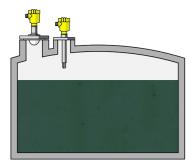
Reliable protection against overfilling

#### **Cost effective**

Independent of product and process characteristics

#### **User friendly**

Simple setup and commissioning, maintenance-free



# Bulk storage tanks

# Level measurement and point level detection in bulk storage tanks

Dependable storage is not only the basis for reliable production and supply, it also protects against raw material shortages and price volatility. In addition to regulations on the use of overfill protection or safety instrumented systems, large storage tanks are also often subject to hazardous area codes of practice in conjunction with level measurement.

#### More details



## **VEGAPULS 6X**

Continuous level measurement with radar in bulk storage tanks

- · Reliable measurement, independent of density and temperature changes
- Excellent signal focusing ensures high accuracy
- Long service life thanks to maintenance-free operation

## **Show Product**

#### **VEGASWING 63**

Point level detection with vibrating level switch for overfill protection in bulk storage tanks

- Universally applicable as overfill and dry run protection system for virtually all liquid applications
- Accurate level detection thanks to adjustment-free, media-independent switching point
- Highly resistant materials and coatings for long operational life
- Test button for easy testing of instrument functionality during operation

#### **Show Product**



VEGAPULS 6X Show Product	VEGASWING 63 Show Product
Measuring range - Distance 120 m	Process temperature -50 250 °C
Process temperature -196 450 °C	Process pressure -1 64 bar
Process pressure -1 160 bar	Version Standard Hygienic applications
Accuracy ± 1 mm	with gas-tight leadthrough with tube extension with temperature adapter
Frequency 6 GHz 26 GHz 80 GHz	Materials, wetted parts PFA 316L
Beam angle ≥ 3°	Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel
Materials, wetted parts PTFE PVDF 316L	Threaded connection ≥ G <sup>3</sup> 4, ≥ <sup>3</sup> 4 NPT
PP PEEK	Flange connection ≥ DN25, ≥ 1"
Threaded connection ≥ G¾, ≥ ⅔ NPT	Hygenic fittings Clamp ≥ 1" - DIN32676, ISO2852
Flange connection ≥ DN20, ≥ ¾"	Slotted nut ≥ 1½", ≥ DN40 - DIN 11851   Varivent ≥ DN25   hygienic fitting F40 with compression nut
Hygenic fittings Clamp ≥ $1\frac{1}{2}$ " - DIN32676, ISO2852 Slotted nut ≥ 2", DN50 - DIN 11851 Varivent ≥ DN25 hygienic fitting with tension flange DN32 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
Hygienic screw connections ≥ DN50 tube ø53 - DIN11864-1-A	Seal material no media contact
Hygienice flange connection ≥ DN50 DIN11864-2 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864- 3-A DRD connection Ø 65 mm SMS 1145 DN51	Housing material Plastic Aluminium Stainless steel (precision casting)

IP66/IP67 IP66/IP68 (1 bar) IP65

