

#### Reliable

Redundant measurement ensures a high degree of safety

Cost effective Self-monitoring reduces maintenance costs

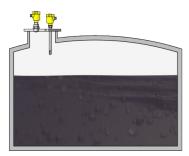
User friendly Easy installation and setup

# Fixed roof storage tanks

## Level measurement and point level detection of fixed roof storage tanks

Level measurement of crude and bulk liquids storage tanks in a refinery is necessary for inventory management and overspill protection. Multiple measurement devices can fit into a single process fitting.

More details





## **VEGAPULS 6X**

Level measurement with radar in fixed roof storage tanks

- Simple retrofit capability utilizes existing process Fittings
- Exact measuring results independent of temperature, gas or steam
- Use of optional PLV (Positive Level Verification) system fulfils API 2350 requirements

### **Show Product**

# **VEGASWING 63**

Vibrating level switch for overfill protection in fixed roof storage tanks

- High level switch provides redundancy
- By simply pushing a button, you can meet the legal requirements of the periodic test in seconds
- Unaffected by media properties ensures reliable measurement

**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

