



Reliable

Redundant measurement for highest safety standards

Cost effective

Universal applicable for almost all liquids

User friendly

Easy installation and setup

Holding tanks

Level measurement and point level detection of holding tanks

Buffer and storage tanks are needed at numerous places in refineries for storing the input and output materials of the various process steps. The containers have different geometries, ranging from horizontal or vertical spherical tanks to horizontal cylindrical tanks to portable plastic containers. To run the refining processes effectively, which includes ensuring the availability of the media, it is crucial to know the exact levels in these storage tanks at all times.

[More details](#)



VEGAPULS 6X

Level measurement with radar in holding tanks

- Simple retrofit capability utilizes existing process fittings
- Exact measuring results independent of pressure, temperature, gas or steam
- Very good signal focussing ensures accurate measurement even in small and narrow tanks

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VEGASWING 63

Vibrating level switch for overflow protection in holding tanks

- Additional level switch provides redundancy
- Simple function test via keystroke increases availability without interrupting the process
- Unaffected by media properties, ensures reliable point level detection

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PRO	PRO
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 with gas-tight leadthrough with tube extension with temperature adapter
Accuracy ± 1 mm	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, ≥ ¾ NPT
Beam angle ≥ 3°	Flange connection ≥ DN25, ≥ 1"
Materials, wetted parts PTFE PVDF 316L PP PEEK	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, ≥ ¾ NPT	Seal material no media contact
Flange connection ≥ DN20, ≥ ¾"	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	Protection rating IP66/IP67 IP66/IP68 (1 bar) IP65