

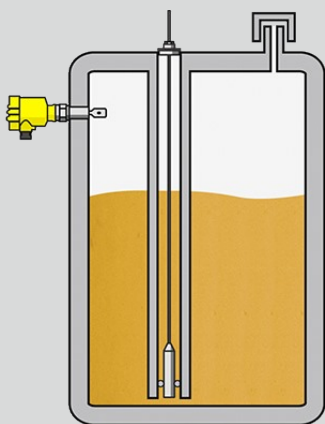


Fuel tanks

- Reliable
- Maximum safety for humans and the environment
- Cost effective
- Precise measurement in all fuel tanks
- User friendly
- Maintenance-free, reliable operation

Level measurement and point level detection in fuel tanks

The fuel tanks are some of the most important on board. They store a variety of fuels; diesel for the main engine and power generators, petrol for jet skis and dinghies, even aviation fuel for the helicopter. Level measurement ensures optimum availability of fuel at all times. An additional overfill protection system also ensures maximum safety for the environment.



VEGASWING 61

Vibrating level switch as overfill protection in the fuel tank

- Reliable detection of the level, regardless of media properties
- Simple side mounting
- Adjustment and maintenance-free operation

VEGAWELL 52

Hydrostatic level measurement in fuel tanks

- Rugged ceramic-capacitive CERTEC® measuring cell
- Simple installation from the top or side
- Highly chemically resistant FEP cable



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VEGASWING 61	VEGAWELL 52
Measuring range - Distance -	Measuring range - Pressure 0 ... 60 bar
Process temperature -50 ... 250 °C	Process temperature -20 ... 80 °C
Process pressure -1 ... 64 bar	Process pressure -
Version Standard Hygienic applications with gas-tight leadthrough with temperature adapter	Accuracy 0.1 %
Materials, wetted parts PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel	Materials, wetted parts PVDF 316L Duplex (1.4462) FEP PE 1.4301 Titanium
Threaded connection ≥ G¾, ≥ ¾ NPT	Seal material EPDM FKM FFKM
Flange connection ≥ DN25, ≥ 1"	Protection rating IP66/IP67 IP68
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	Output 4 ... 20 mA 4 ... 20 mA/HART - two-wire
Seal material no media contact	Ambient temperature -40 ... 80 °C
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	