



Reliable

Maximum safety for humans and the environment

Cost effective

Precise measurement in all fuel tanks

User friendly

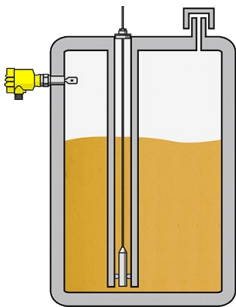
Maintenance-free, reliable operation

Fuel tanks

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.

[More details](#)



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

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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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PRO

VEGASWING 61
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Measuring range - Distance

-

Process temperature

-50 ... 250 °C

Process pressure

-1 ... 64 bar

Version

Standard
 Hygienic applications
 with gas-tight leadthrough
 with temperature adapter

Materials, wetted parts

PFA
 316L
 Alloy C22 (2.4602)
 Alloy 400 (2.4360)
 ECTFE
 Enamel

Threaded connection
≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ NPT
Flange connection

≥ DN25, ≥ 1"

Hygienic fittings

Clamp ≥ 1" - DIN32676, ISO2852
 Slotted nut ≥ 1 $\frac{1}{2}$ ", ≥ 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

Seal material

no media contact

Housing material

Plastic
 Aluminium
 Stainless steel (precision casting)
 Stainless steel (electropolished)

PRO

VEGAWELL 52
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Measuring range - Pressure

0 ... 60 bar

Process temperature

-20 ... 80 °C

Process pressure

-

Accuracy

0.1 %

Materials, wetted parts

PVDF
 316L
 Duplex (1.4462)
 FEP
 PE
 1.4301
 Titanium

Seal material

EPDM
 FKM
 FFKM

Protection rating

IP66/IP67
 IP68

Output

4 ... 20 mA
 Two-wire: 4 ... 20 mA/HART

Ambient temperature

-40 ... 80 °C