Reliable

Maximum safety for humans and the environment

Cost effective

Precise measurement in all fuel tanks

User friendly
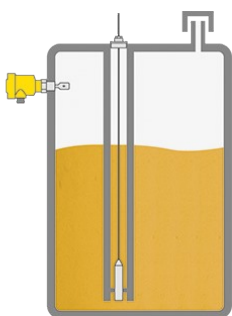
Maintenance-free, reliable operation

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

Show Product

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

Show Product

VEGA HOME OF VALUES

VEGASWING 61
Show Product

VEGAWELL 52
Show Product

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
≥ G¾, ≥ ¾ NPT

Flange connection
≥ DN25, ≥ 1"

Hygenic 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

Seal material
no media contact

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

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