



Reliable

High platform stability through reliable measurement

Cost effective

Long service life thanks to resistant materials

User friendly

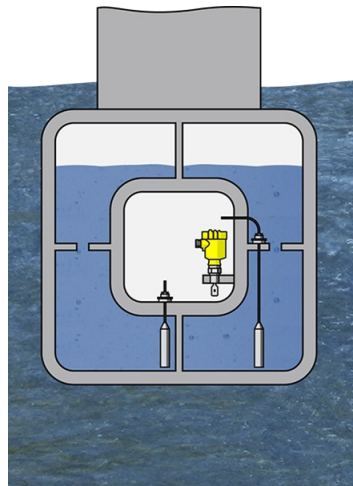
Simple installation and maintenance-free operation

Ballast tanks

Level measurement and point level detection in the ballast tanks

Floating drilling or pumping assets such as platforms or FPSOs are stabilized by filling or emptying ballast tanks with seawater. This enables operators to critically and safely manage the ballast and trim of a vessel according to operational needs, deck loading and sea conditions. For trouble-free operation of the ballast system and the safety of personnel and equipment on board, reliable level measurement and point level detection are absolutely essential.

[More details](#)



VEGAWELL 52

Hydrostatic pressure transmitter for level measurement in the ballast tanks

- High measuring accuracy increases safety on board
- Reliable and durable measurement ensured through robust, seawater resistant construction of sensor
- Simple installation from above

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VEGASWING 61

Vibrating level switch for leakage detection in the ballast tanks

- High process reliability through SIL2 qualification
- Simple function test from the control room possible
- Maintenance-free operation

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PRO

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
 4 ... 20 mA/HART - two-wire

Ambient temperature

-40 ... 80 °C

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
 $\geq G\frac{3}{4}$, $\geq \frac{3}{4}$ NPT

Flange connection
 $\geq DN25$, $\geq 1"$
Hygienic fittings

 Clamp $\geq 1"$ - DIN32676, ISO2852
 Slotted nut $\geq 1\frac{1}{2}"$, $\geq DN40$ - DIN 11851
 Varivent $\geq DN25$
 hygienic fitting F40 with compression nut
 SMS 1145 DN51
 SMS DN38
 Hygienic fittings $\geq DN25$ - DIN11864-1-A
 Hygienic flange connection DIN11864-2-A;
 DN60(ISO) \varnothing 60,3
 SMS socket piece DN38 PN6

Seal material

no media contact

Housing material

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

VEGA