



#### Reliable

High platform stability through reliable measurement

#### Cost effective

Long service life thanks to resistant materials

#### User friendly

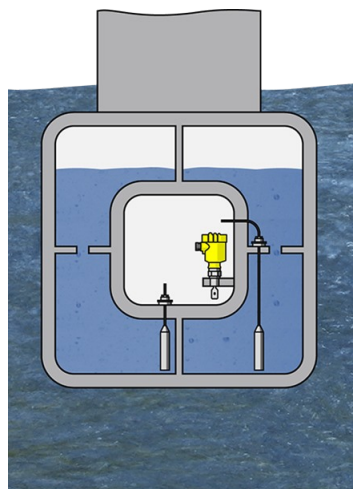
Simple installation and maintenance-free operation

## 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

[Show Product](#)



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

**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)