



#### Reliable

Reliable measurement, independent of product characteristics

#### Cost effective

Maintenance-free operation

#### User friendly

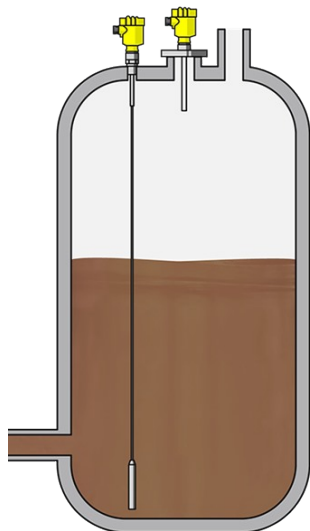
Simple setup and commissioning

## Storage tank for liquid raw materials

### Level measurement and point level detection of liquid raw materials in storage tanks

Oils and alkaline solutions are among the liquid raw materials for the mud mixtures. These additives are stored on the drilling platform in special storage tanks. To ensure the continuous production of drilling mud, the level of raw materials in the storage tanks must be exactly monitored.

[More details](#)



#### VEGAFLEX 81

Level measurement with guided radar in storage tanks for liquid raw materials

- Simple project planning enabled by shortenable rod and cable probes
- Long service life thanks to highly resistant materials
- Non-sensitive to buildup and foam

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#### VEGASWING 63

Level switch for detecting the maximum level in the storage tank for liquid raw materials

- Reliable measurement, independent of mud characteristics
- Robust construction ensures a long service life
- Simple setup without adjustment

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## VEGAFLEX 81

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**Measuring range - Distance**  
75 m

**Process temperature**  
-60 ... 200 °C

**Process pressure**  
-1 ... 40 bar

**Accuracy**  
± 2 mm

**Version**  
Basic version for exchangeable cable  $\varnothing$  2;  $\varnothing$  4 mm  
Basic version for exchangeable rod  $\varnothing$  8 mm  
Basic version for exchangeable rod  $\varnothing$  12 mm  
Coax version  $\varnothing$  21.3 mm for ammonia application  
Coax version  $\varnothing$  21.3 mm with single hole  
Coax version  $\varnothing$  21.3 mm with multiple hole  
Coax version  $\varnothing$  42.2 mm with multiple hole  
Exchangeable rod  $\varnothing$  8 mm  
Exchangeable rod  $\varnothing$  12 mm  
Exchangeable cable  $\varnothing$  2 mm with gravity weight  
Exchangeable cable  $\varnothing$  4 mm with gravity weight  
Exchangeable cable  $\varnothing$  2 mm with centering weight  
Exchangeable cable  $\varnothing$  4 mm with centering weight  
Exchangeable cable  $\varnothing$  4 mm without weight  
exchangeable, PFA-coated cable  $\varnothing$  4 mm with non-coated centering weight

**Materials, wetted parts**  
PFA  
316L  
Alloy C22 (2.4602)  
Alloy 400 (2.4360)  
Alloy C276 (2.4819)  
Duplex (1.4462)  
304L

**Threaded connection**  
 $\geq G\frac{3}{4}$ ,  $\geq \frac{3}{4}$  NPT

**Flange connection**  
 $\geq DN25$ ,  $\geq 1"$

**Seal material**  
EPDM  
FKM  
FFKM  
Silicone FEP coated  
Borosilicate glass

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

PRO

## VEGASWING 63

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**Process temperature**  
-50 ... 250 °C

**Process pressure**  
-1 ... 64 bar

**Version**  
Standard  
Hygienic applications  
with gas-tight leadthrough  
with tube extension  
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)

**Protection rating**  
IP66/IP67  
IP66/IP68 (1 bar)  
IP65