



Reliable

Reliable measurement, independent of product characteristics

Cost effective

Maintenance-free operation

User friendly

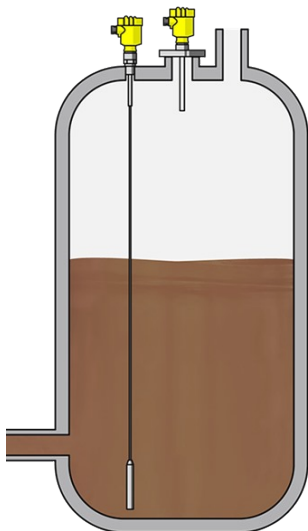
Simple setup and commissioning

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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PRO

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)

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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