Reliable

Reliable measurement, independent of product characteristics

Cost effective
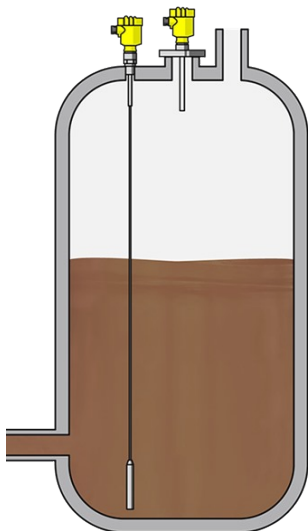
Maintenance-free operation

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

Show Product

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
Show Product

VEGASWING 63
Show Product

Measuring range - Distance	**Process temperature**
75 m	-50 ... 250 °C

VEGAFLEX 81

Measuring range - Distance
75 m

Process temperature
-60 ... 200 °C

Process pressure
-1 ... 40 bar

Accuracy
± 2 mm

Version
Basic version for exchangeable cable ø 2; ø 4 mm
Basic version for exchangeable rod ø 8 mm
Basic version for exchangeable rod ø 12 mm
Coax version ø 21.3 mm for ammonia application
Coax version ø 21.3 mm with single hole
Coax version ø 21.3 mm with multiple hole
Coax version ø 42.2 mm with multiple hole
Exchangeable rod ø 8 mm
Exchangeable rod ø 12 mm
Exchangeable cable ø 2 mm with gravity weight
Exchangeable cable ø 4 mm with gravity weight
Exchangeable cable ø 2 mm with centering weight
Exchangeable cable ø 4 mm with centering weight
Exchangeable cable ø 4 mm without weight
exchangeable, PFA-coated cable ø4 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
≥ G¾, ≥ ¾ NPT

Flange connection
≥ DN25, ≥ 1"

Seal material
EPDM
FKM
FFKM
Silicone FEP coated
Borosilicate glass

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

VEGASWING 63

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
≥ 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)

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

VEGA HOME OF VALUES