Reliable

Safe measurement unaffected by changing medium properties

Cost effective

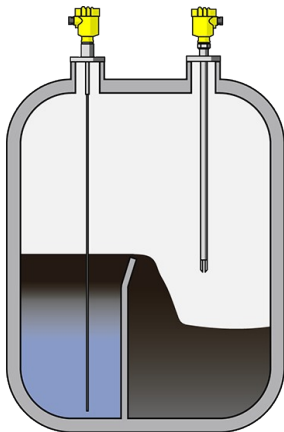Reliable control of the interface ensures effective operation

User friendly

Simple and easy setup

Oil skim tank

Level measurement and point level detection in the oil skim tank

Accurate measurement in oil skim and separation tanks is critical to product quality because there is complete separation of oil and gas possible. For liquid-liquid interface monitoring an accurate measurement helps control the quality of the separator's output and thus helps to extend equipment life in downstream units by avoiding any potentially expensive impurity problems.

More details

VEGASWING 63

Vibrating level switch as overfill protection in the oil skim tank

- Non-moving parts reduce maintenance needs
- Unaffected by process conditions
- Product independent switching point
- Simple setup without adjustment

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VEGAFLEX 81

Guided wave radar for interface control in the oil skim tank

- Non-moving parts eliminate maintenance needs
- Almost independent of buildup and condensate
- Immunity to the crude supply density changes offers reliable continuous level control

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VEGA HOME OF VALUES

VEGASWING 63
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VEGAFLEX 81
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VEGASWING 63	VEGAFLEX 81
Process temperature -50 ... 250 °C	**Measuring range - Distance** 75 m
Process pressure -1 ... 64 bar	**Process temperature** -60 ... 200 °C
Version Standard Hygienic applications with gas-tight leadthrough with tube extension with temperature adapter	**Process pressure** -1 ... 40 bar
Materials, wetted parts PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel	**Accuracy** ± 2 mm
Threaded connection ≥ G¾, ≥ ¾ NPT	**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
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	**Materials, wetted parts** PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) Alloy C276 (2.4819) Duplex (1.4462) 304L
Seal material no media contact	**Threaded connection** ≥ G¾, ≥ ¾ NPT
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	**Flange connection** ≥ DN25, ≥ 1"
Protection rating IP66/IP67 IP66/IP68 (1 bar) IP65	**Seal material** EPDM FKM FFKM Silicone FEP coated Borosilicate glass
	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)