



## Separator

### Reliable

Redundant measurement for highest safety standards

### Cost effective

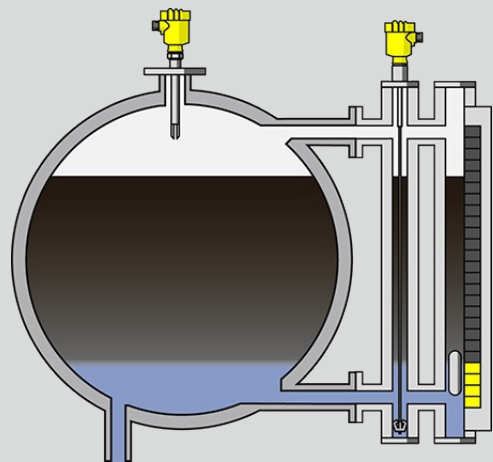
Maintenance-free operation

### User friendly

Easy installation

### Level and interface measurement and point level detection in separators

Exact interface measurement in separators is important for ensuring the quality of the separation process. Continuous control of the interface between oil and water ensures that oil is not inadvertently withdrawn instead of water. This saves costs and increases the efficiency of the plant. A vibrating level switch serves as an additional overflow protection mechanism.



### VEGASWING 63

Vibrating level switch for overflow protection in separators

- Additional security thanks to diverse redundancy
- Easy setup without medium saves time and money
- Increased plant availability, as function test can be performed during operation



### VEGAFLEX 81 and magnetic level indicator

Guided wave radar and magnetic level indicator for level and interface measurement

- Redundant measurement through the combination of guided radar sensor and magnetic level indicator
- Evaluation of two different measured values possible: level and interface
- Totally reliable measurement, even with emulsions



VEGASWING 63	VEGAFLEX 81 and magnetic level indicator
<b>Process temperature</b> -50 ... 250 °C	<b>Measuring range - Distance</b> 75 m
<b>Process pressure</b> -1 ... 64 bar	<b>Process temperature</b> -60 ... 200 °C
<b>Version</b> Standard Hygienic applications with gas-tight leadthrough with tube extension with temperature adapter	<b>Process pressure</b> -1 ... 40 bar
<b>Materials, wetted parts</b> PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel	<b>Accuracy</b> ± 2 mm
<b>Threaded connection</b> ≥ G¾, ≥ ¾ NPT	<b>Version</b> 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
<b>Flange connection</b> ≥ DN25, ≥ 1"	<b>Materials, wetted parts</b> PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) Alloy C276 (2.4819) Duplex (1.4462) 304L
<b>Hygienic fittings</b> 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	<b>Threaded connection</b> ≥ G¾, ≥ ¾ NPT
<b>Seal material</b> no media contact	<b>Flange connection</b> ≥ DN25, ≥ 1"
<b>Housing material</b> Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	<b>Seal material</b> EPDM FKM FFKM Silicone FEP coated Borosilicate glass
<b>Protection rating</b> IP 66/IP 67 IP 66/IP 68 (1 bar) IP 65	<b>Housing material</b> Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)