



#### Reliable

Unaffected by changing crude density

#### Cost effective

Low maintenance costs

#### User friendly

Fast and easy setup

## Secondary desalter

### Interface measurement in the secondary desalter

To maximize efficiency of the electrostatic grid as it removes contaminants within second and third stage desalters, a crucial point of control is to maintain the oil and water interface just below this grid. Reliable measurement of this level protects the grid from shorting out on the water as well as increasing efficiency of the unit, which ensures the quality of the feed moving into the next process unit.

[More details](#)



### VEGAFLEX 81

Guided wave radar sensor for continuous interface measurement

- Simple setup expedites installation
- Unaffected by viscous process properties
- Rigid rod probe prevents interference with electrostatic grid

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**VEGAFLEX 81**[Show Product](#)**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**≥ G $\frac{3}{4}$ , ≥  $\frac{3}{4}$  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)