



## Secondary desalter

- Reliable
- Unaffected by changing crude density
- Cost effective
- Low maintenance costs
- User friendly
- Fast and easy setup

### Interface measurement in the secondary desalter

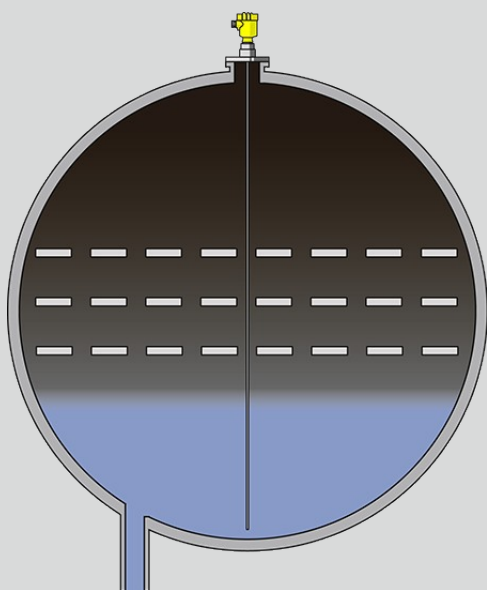
To maximize efficiency of the electrostatic grid as it removes contaminants within second and third stage desalters, a crucial point of control is to maintain the oil and water interface just below this grid. Reliable measurement of this level protects the grid from shorting out on the water as well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



### 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





## 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)