



**Reliable**

Unaffected by process conditions

**Cost effective**

Low maintenance costs, because no moving parts

**User friendly**

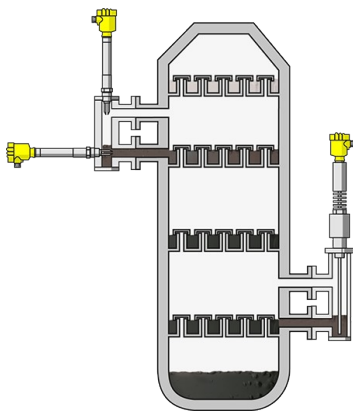
Overfill protection increases plant safety

## Column trays

### Level measurement and point level detection of column trays

Accurate level control of the distillation unit ensures product quality of the hydrocarbon at the different cuts, but this is made difficult due to hot liquids flashing, buildup and high temperature. Even through process changes reliable level measurement and point level detection are required.

[More details](#)



#### VEGAFLEX 86

Level measurement with guided wave radar of column trays

- Non-moving parts are immune to mechanical failure
- Low maintenance requirements reduce downtime and costs
- Single rod probe prevents plugging and results in a reliable measurement

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#### VEGASWING 66

Vibrating level switch for detection of minimum and maximum level

- Reliable measurement unaffected by high temperature and pressure
- Test function during operation provides higher plant availability
- Redundancy increases plant safety and availability

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## VEGAFLEX 86

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**Measuring range - Distance**  
75 m

**Process temperature**  
-196 ... 450 °C

**Process pressure**  
-1 ... 400 bar

**Accuracy**  
± 2 mm

**Version**  
Coax version ø 21.3 mm with multiple hole  
Coax version ø 42.2 mm with single hole  
Coax version ø 42.2 mm with multiple hole  
Exchangeable rod ø 16 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

**Materials, wetted parts**  
316L  
Alloy C22 (2.4602)  
316

**Threaded connection**  
≥ G¾, ≥ ¾ NPT

**Flange connection**  
≥ DN25, ≥ 1"

**Seal material**  
FFKM  
graphit and ceramic

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

PRO

## VEGASWING 66

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**Process temperature**  
-196 ... 450 °C

**Process pressure**  
-1 ... 160 bar

**Version**  
Compact version  
with gas-tight leadthrough  
with tube extension

**Materials, wetted parts**  
316L  
Alloy C22 (2.4602)  
Inconel 718

**Threaded connection**  
G1, 1 NPT, R1

**Flange connection**  
≥ DN50, ≥ 2"

**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

**Output**  
Relay (DPDT)  
Transistor (NPN/PNP)  
Two-wire