



Reliable

Unaffected by process conditions

Cost effective

Low maintenance costs, because no moving parts

User friendly

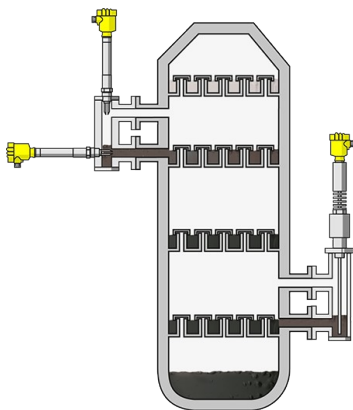
Overfill protection increases plant safety

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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PRO

PRO

VEGAFLEX 86

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VEGASWING 66

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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)

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