



Column trays

Reliable

Unaffected by process conditions

Cost effective

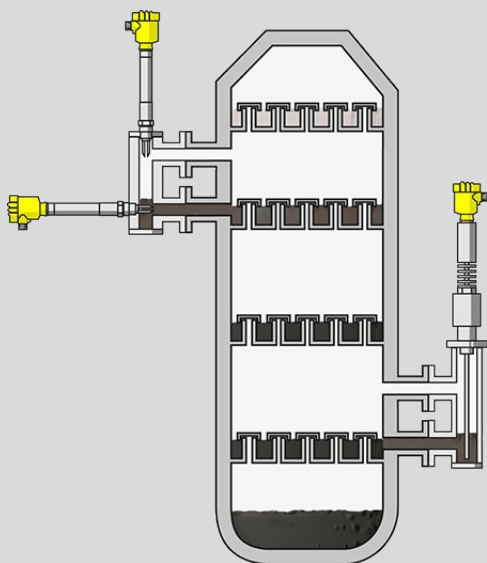
Low maintenance costs, because no moving parts

User friendly

Overfill protection increases plant safety

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.



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



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



| VEGAFLEX 86 | VEGASWING 66 |
|---|---|
| Measuring range - Distance 75 m | Process temperature -196 ... 450 °C |
| Process temperature -196 ... 450 °C | Process pressure -1 ... 160 bar |
| Process pressure -1 ... 400 bar | Version Compact version with gas-tight leadthrough with tube extension |
| 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) Inconel 718 |
| Materials, wetted parts 316L Alloy C22 (2.4602) 316 | Threaded connection ≥ G1, ≥ 1 NPT |
| Threaded connection ≥ G¾, ≥ ¾ NPT | Flange connection ≥ DN50, ≥ 2" |
| Flange connection ≥ DN25, ≥ 1" | Seal material no media contact |
| Seal material FFKM graphit and ceramic | Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished) |
| Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished) | Protection rating IP 66/IP 67 IP 66/IP 68 (1 bar) IP 65 |
| | Output Relay (DPDT) Transistor (NPN/PNP) Two-wire |