



Deethanizer

Reliable

Overfill protection increases plant safety

Cost effective

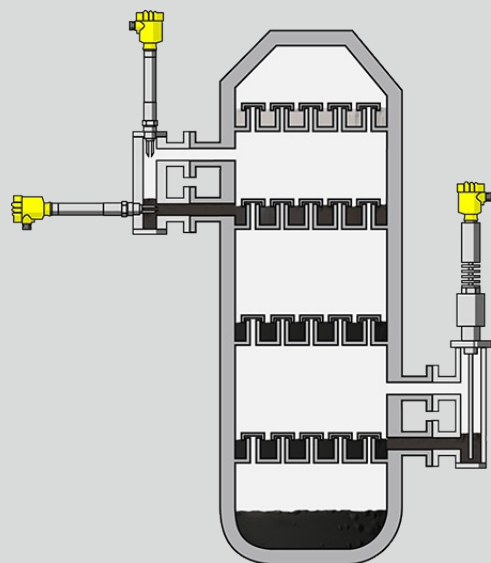
Low maintenance costs, because non-moving parts

User friendly

Unaffected by process conditions

Level measurement and point level detection in the deethanizer

Accurate level control of the deethanizer ensures product quality of the obtained hydrocarbons, but this is made difficult due to hot liquids flashing, buildup and high temperature. Even through quick process changes reliable level measurement and point level detection are required to ensure a smooth operation of the plant.



VEGAFLEX 86

Level measurement with guided wave radar in the deethanizer

- Non-moving parts are immune to mechanical failure
- Low maintenance requirements reduce downtime and costs
- Certain measurement even by changing process conditions



VEGASWING 66

Vibrating level switch for monitoring high and low alarm in the deethanizer

- 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	Materials, wetted parts 316L Alloy C22 (2.4602) Inconel 718
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	Threaded connection ≥ G1, ≥ 1 NPT
Materials, wetted parts 316L Alloy C22 (2.4602) 316	Flange connection ≥ DN50, ≥ 2"
Threaded connection ≥ G¾, ≥ ¾ NPT	Seal material no media contact
Flange connection ≥ DN25, ≥ 1"	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
Seal material FFKM graphit and ceramic	Protection rating IP 66/IP 67 IP 66/IP 68 (1 bar) IP 65
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	Output Relay (DPDT) Transistor (NPN/PNP) Two-wire