



Reliable

Overfill protection increases plant safety

Cost effective

Low maintenance costs, because non-moving parts

User friendly

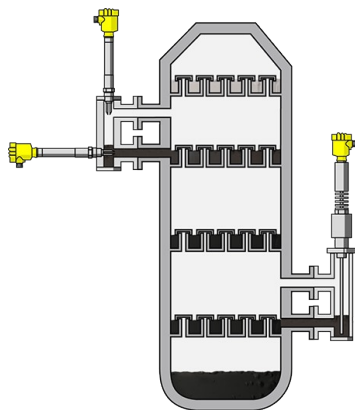
Unaffected by process conditions

Debutanizer

Level measurement and point level detection in the debutanizer

Accurate level control of the debutanizer 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.

[More details](#)



VEGAFLEX 86

Level measurement with guided wave radar in the debutanizer

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

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VEGASWING 66

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

- 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

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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