



Reliable

Unaffected by density fluctuations, fast level, temperature and pressure changes

Cost effective

Maintenance-free operation

User friendly

Simple adjustment and installation

Blowdown drums

Level measurement and point level detection in the blowdown drums

The blowdown drum is designed to allow the refinery to release any process or byproduct liquids including hydrocarbons, in a safe and controlled way that protects plant equipment and personnel. The blowdown drum can see rapid filling at high pressures and temperatures. Because of the mixture of products, density and viscosity can also fluctuate, so the level must be measured quickly and reliably.

[More details](#)



VEGAFLEX 86

Guided wave radar for continuous separation tracking of level and interface

- Robust mechanical construction is resistant to extreme process conditions
- Reliable measurement unaffected by product changes
- Flexible mounting options easily retrofit displacer bridles or installs directly in the vessel

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VEGASWING 66

Vibrating level switch for overflow protection in blowdown drums

- Switch point unaffected by medium properties
- Reliable point level detection independent to fast change of temperature and pressure
- Maintenance-free operation increases the plant safety

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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