



#### 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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### VEGAFLEX 86

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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)

PRO

### VEGASWING 66

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**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