



#### Reliable

High measuring accuracy independent of temperature and pressure

#### Cost effective

Low maintenance costs

#### User friendly

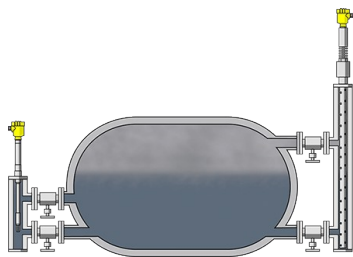
Simple installation

## Steam drum

### Level measurement and limiting device in the steam drum

High pressure steam is critical for the operation of the refinery. For the production and reliable supply of steam, accurate level measurement is required that allows efficient operation of the steam boiler. In addition to level measurement, high and low water limit detectors are also extremely important. As safety devices, they ensure that the water level neither exceeds the upper limit nor falls below the lower limit.

[More details](#)



#### VEGAFLEX 86

Level measurement with guided radar in the steam drum

- Precise measurement thanks to automatic real-time correction, even under changing steam conditions
- Flexible mounting options for easy replacement of displacers or direct installation in the tank
- Meets the high safety standards of SIL2/3 according to IEC 61508 and the certification according to EN 12952-11 and EN 12953-9 for steam boilers

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#### VEGASWING 66

Vibrating level switch for point level detection in the steam drum

- Simple installation without medium saves time and Money
- Precise, reliable function through product-independent switching Point
- Reliable measurement unaffected by high temperatures and pressures
- Meets the high safety standards of SIL2/3 according to IEC 61508 and the certification according to EN 12952-11 and EN 12953-9 for steam boilers

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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