



#### Reliable

Safe measurement unaffected by high temperature and steam

#### Cost effective

Maintenance-free through optimal redundancy arrangement

#### User friendly

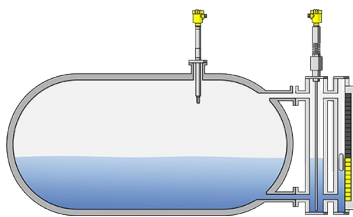
Simple setup and installation

## Condensate storage tanks

### Level measurement and point level detection in condensate storage tanks

Throughout the different process units, there are storage vessels that collect clean, reusable condensate. This condensate accumulates from the steam system that is used to heat the various hydrocarbon processes. The condensate tanks routinely have extremely high process temperatures, so a level measurement and point level detection are necessary that can withstand this environment.

[More details](#)



#### VEGAFLEX 86

Level measurement with guided wave radar in condensate storage tanks

- Guided wave radar and magnetic level indicator provide redundancy
- Reliable measurement even under critical process conditions
- Continuous reporting increases operational efficiency

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#### VEGASWING 66

Vibrating level switch for level detection in condensate storage tanks

- Easy retrofit allows use of existing connections without modification
- Resistance to high temperature and steam environments eliminates false switching
- Maintenance-free operation increases the plant efficiency

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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