



Reliable

Safe measurement unaffected by high temperature and steam

Cost effective

Maintenance-free through optimal redundancy arrangement

User friendly

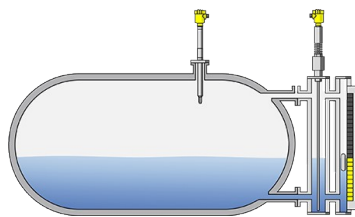
Simple setup and installation

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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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