



Reliable

High measuring accuracy independent of temperature and pressure

Cost effective

Low maintenance costs

User friendly

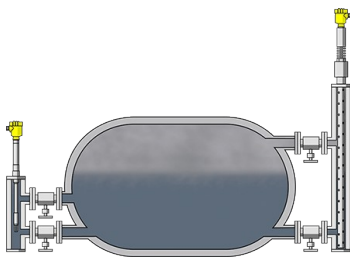
Simple installation

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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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