



Reliable

High operational reliability under all process conditions

Cost effective

Simple to install, even in existing plants

User friendly

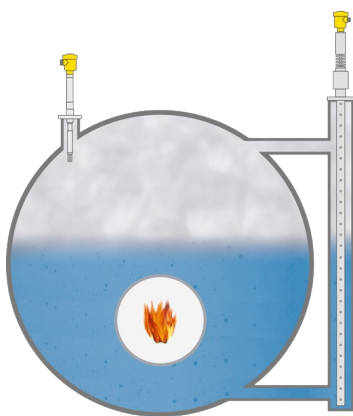
Maintenance-free operation

Steam boiler

Level measurement and point level detection in process steam generation

High process pressures and a highly compressed vapour phase are the normal operating conditions inside boilers. The size of the steam generator is what determines the quantity of saturated steam that can be fed into a heat exchanger. Reliable control of the water level and limitation of high and low water levels are therefore extremely important.

[More details](#)



VEGAFLEX 86

Level measurement with guided radar for optimization of steam generation in boilers

- Approved acc. to EN 12952-11 and EN 12953-9 as limiting device for high and low water in the boiler
- Automatic runtime adjustment ensures accurate measurement, even under changing vapour pressures
- High system reliability through automatic self-monitoring
- Safe for use up to SIL2/3 according to IEC 61508

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VEGASWING 66

Vibrating level switch for high and low water limitation in steam boilers

- Ceramic materials allow use at temperatures up to 450 °C and pressures up to 160 bar
- Density changes and changes in conductivity or saturated steam consistency do not influence the measurement
- Continuous self-monitoring as well as fast and reliable function testing via keystroke
- Safe for use up to SIL2/3 according to IEC 61508

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PRO

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