



Reliable

High operational reliability under all process conditions

Cost effective

Simple to install, even in existing plants

User friendly

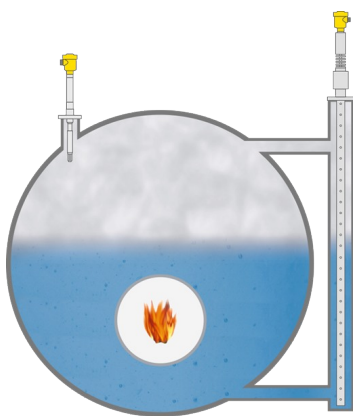
Maintenance-free operation

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