

#### Reliable

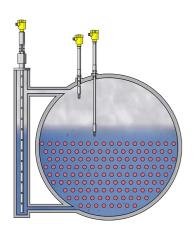
Reliable function under all operating conditions

## Cost effective

Maintenance-free instrumentation technology

#### **User friendly**

Automatic steam condensation



## Heat recovery boiler

## Level measurement and point level detection in the heat recovery boiler

In the heat recovery boiler, hot process gas is passed through heating pipes. This means the gas is cooled and the necessary process heat for the plant recovered to be reused. To prevent the heat recovery boiler from running dry and thus overheating, reliable monitoring of the water level in the boiler is required. For maximum safety, the measurement is carried out redundantly with diverse instrument technology.

More details



## **VEGAFLEX 86**

Continuous level measurement with guided radar in the heat recovery boiler

- Vapour compensation enables reliable measurement despite changing pressures and temperatures
- Special ceramic-graphite seal can be used up to 450 °C
- Available with SIL2 and boiler approvals for assured safety





## **VEGASWING 66**

Vibrating level switch for reliable detection of minimum and maximum water level

- High level of safety via self-monitoring of sensor element and electronics at high process temperatures and pressures
- Redundant measurement for maximum safety
- Available with SIL2 and boiler approvals
- Fast and reliable function test by press of a button

**Show Product** 



# **VEGAFLEX 86 Show Product**



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)

**VEGASWING 66** 

**Show Product** 



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

