



#### Reliable

Reliable measurement through automatic measurement correction

#### Cost effective

Optimal operation of the facility

#### User friendly

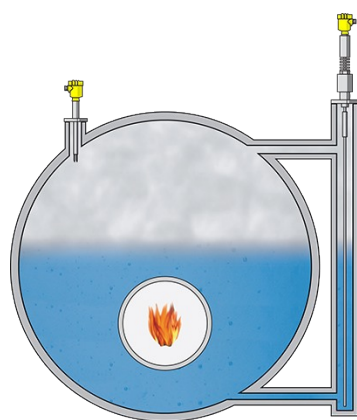
Simple mounting and setup

## Steam drum

### Level measurement and point level detection in the steam drum

Process heat in a power plant is provided by steam at different pressures. The required process temperature is regulated via the steam pressure. Depending on the process temperatures there can be pressures up to 160 bar, at temperatures up to 400 °C in the steam drums. Reliable control of water levels and fail safe limit of high and low water in the steam vessels are crucial for the safe operation of the plant.

[More details](#)



#### VEGAFLEX 86

Precise, continuous measured values in saturated steam with guided radar

- High plant safety via self-monitoring in extreme process temperatures and pressures
- Reliable measured values through automatic measurement correction (integrated steam compensation)
- Safe for use up to SIL2/3 according to IEC 61508

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#### VEGASWING 66

The vibrating level switch is used in the steam drum as a high and low water limiting device

- High security through self-monitoring of sensor element and electronics at high process temperatures and pressures
- Fast and reliable function test via the press of a button
- Flexible and trustworthy in applications up to SIL3

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PRO	PRO
<b>VEGAFLEX 86</b> <a href="#">Show Product</a>	<b>VEGASWING 66</b> <a href="#">Show Product</a>
	
<b>Measuring range - Distance</b> 75 m	<b>Process temperature</b> -196 ... 450 °C
<b>Process temperature</b> -196 ... 450 °C	<b>Process pressure</b> -1 ... 160 bar
<b>Process pressure</b> -1 ... 400 bar	<b>Version</b> Compact version with gas-tight leadthrough with tube extension
<b>Accuracy</b> ± 2 mm	<b>Materials, wetted parts</b> 316L Alloy C22 (2.4602) Inconel 718
<b>Version</b> 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	<b>Threaded connection</b> G1, 1 NPT, R1
<b>Materials, wetted parts</b> 316L Alloy C22 (2.4602) 316	<b>Flange connection</b> ≥ DN50, ≥ 2"
<b>Threaded connection</b> ≥ G¾, ≥ ¾ NPT	<b>Seal material</b> no media contact
<b>Flange connection</b> ≥ DN25, ≥ 1"	<b>Housing material</b> Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
<b>Seal material</b> FFKM graphit and ceramic	<b>Protection rating</b> IP66/IP67 IP66/IP68 (1 bar) IP65
<b>Housing material</b> Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	<b>Output</b> Relay (DPDT) Transistor (NPN/PNP) Two-wire