



Steam drum

Reliable

High measuring accuracy independent of temperature and pressure

Cost effective

Low maintenance costs

User friendly

Simple installation

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.



VEGAFLEX 86

Level measurement with guided radar in the steam drum

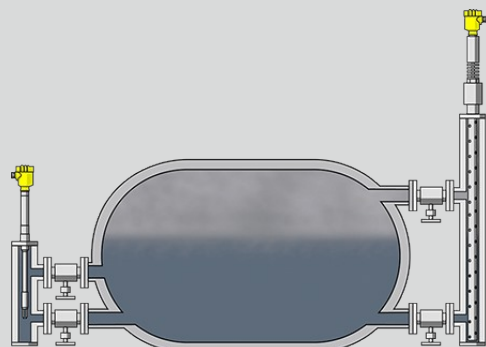
- Precise measurement thanks to automatic real-time correction, even under changing steam conditions
- Flexible mounting options for easy replacement of displacers or direct installation in the tank
- Meets the high safety standards of SIL2/3 according to IEC 61508 and the certification according to EN 12952-11 and EN 12953-9 for steam boilers



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





VEGAFLEX 86	VEGASWING 66
Measuring range - Distance 75 m	Process temperature -196 ... 450 °C
Process temperature -196 ... 450 °C	Process pressure -1 ... 160 bar
Process pressure -1 ... 400 bar	Version Compact version with gas-tight leadthrough with tube extension
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) Inconel 718
Materials, wetted parts 316L Alloy C22 (2.4602) 316	Threaded connection ≥ G1, ≥ 1 NPT
Threaded connection ≥ G¾, ≥ ¾ NPT	Flange connection ≥ DN50, ≥ 2"
Flange connection ≥ DN25, ≥ 1"	Seal material no media contact
Seal material FFKM graphit and ceramic	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	Protection rating IP 66/IP 67 IP 66/IP 68 (1 bar) IP 65
	Output Relay (DPDT) Transistor (NPN/PNP) Two-wire