



Reliable

Redundant measurement ensures a high degree of safety

Cost effective

Self-monitoring reduces maintenance costs

User friendly

Easy installation and setup

Finished product tanks

Level measurement and point level detection of finished product tanks

Reliable level measurement of crude and bulk liquids storage tanks in a refinery is necessary for inventory management and overspill protection. Multiple measurement devices can fit into a single process fitting.

[More details](#)



VEGASWING 63

Vibrating level switch for overflow protection in finished product tanks

- High level switch provides redundancy
- Maximum flexibility through switching point adaptable to the application
- By simply pushing a button, you can meet the requirements of WHG and SIL of the periodic test
- Unaffected by media properties ensures reliable measurement

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VEGAPULS 6X

Level measurement with radar in end-product tanks

- Simple retrofitting, as existing process fittings can continue to be used
- Exact measuring results regardless of temperature, gas or steam
- Certified according to SIL 2 and WHG for use as overflow protection

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PRO

VEGASWING 63

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Process temperature
-50 ... 250 °C

Process pressure
-1 ... 64 bar

Version
Standard
Hygienic applications
with gas-tight leadthrough
with tube extension
with temperature adapter

Materials, wetted parts
PFA
316L
Alloy C22 (2.4602)
Alloy 400 (2.4360)
ECTFE
Enamel

Threaded connection
≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ NPT

Flange connection
≥ DN25, ≥ 1"

Hygienic fittings
Clamp ≥ 1" - DIN32676, ISO2852
Slotted nut ≥ 1½", ≥ DN40 - DIN 11851
Varivent ≥ DN25
hygienic fitting F40 with compression nut
SMS 1145 DN51
SMS DN38
Hygienic fittings ≥ DN25 - DIN11864-1-A
Hygienic flange connection DIN11864-2-A;
DN60(ISO)ø60,3
SMS socket piece DN38 PN6

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

PRO

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Measuring range - Distance
120 m

Process temperature
-196 ... 450 °C

Process pressure
-1 ... 160 bar

Accuracy
± 1 mm

Frequency
6 GHz
26 GHz
80 GHz

Beam angle
≥ 3°

Materials, wetted parts
PTFE
PVDF
316L
PP
PEEK

Threaded connection
≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ NPT

Flange connection
≥ DN20, ≥ $\frac{3}{4}$ "

Hygienic fittings
Clamp ≥ 1½" - DIN32676, ISO2852
Slotted nut ≥ 2", DN50 - DIN 11851
Varivent ≥ DN25
hygienic fitting with tension flange DN32
hygienic fitting F40 with compression nut
Hygienic screw connections ≥ DN50 tube ø53 -
DIN11864-1-A
Hygienic flange connection ≥ DN50 DIN11864-2
Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-
3-A
DRD connection ø 65 mm
SMS 1145 DN51