



Reliable

Reliable protection against overfilling

Cost effective

Independent of product and process characteristics

User friendly

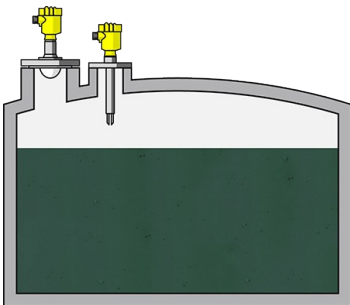
Simple setup and commissioning, maintenance-free

Bulk storage tanks

Level measurement and point level detection in bulk storage tanks

Dependable storage is not only the basis for reliable production and supply, it also protects against raw material shortages and price volatility. In addition to regulations on the use of overfill protection or safety instrumented systems, large storage tanks are also often subject to hazardous area codes of practice in conjunction with level measurement.

[More details](#)



VEGAPULS 6X

Continuous level measurement with radar in bulk storage tanks

- Reliable measurement, independent of density and temperature changes
- Excellent signal focusing ensures high accuracy
- Long service life thanks to maintenance-free operation

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VEGASWING 63

Point level detection with vibrating level switch for overfill protection in bulk storage tanks

- Universally applicable as overfill and dry run protection system for virtually all liquid applications
- Accurate level detection thanks to adjustment-free, media-independent switching point
- Highly resistant materials and coatings for long operational life
- Test button for easy testing of instrument functionality during operation

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PRO

VEGAPULS 6X
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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
 ≥ G¾, ≥ ¾ NPT

Flange connection
 ≥ DN20, ≥ ¾"

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

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
 ≥ G¾, ≥ ¾ 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

VEGA