



Reliable

Reliable measurement right through the container top

Cost effective

Long service life thanks to high chemical resistance

User friendly

Simple mounting



Chemical tank

Level measurement and point level detection in chemical tanks

Chemical tanks guarantee the supply of raw materials for ongoing processes. The plant operator needs exact level readings from the containers at all times to be able to ensure punctual replenishment. An additional level switch protects against overfilling.

More details



VEGAPULS 21

Continuous level measurement with radar for inventory monitoring and dosing

- Maintenance-free operation using 80 GHz non-contact radar technology
- Exact measuring results, independent of medium, process and operating conditions
- Highly resistant materials ensure a long service life
- With plastic containers, measurement from the outside, right through the vessel top, is possible

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Mounting accessories

Mounting bracket with adjustable sensor mounting

- Adjustable sensor mounting bracket allows easy installation and alignment of sensors
- Weatherproof and robust thanks to all 316L stainless steel construction

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VEGASWING 63

Redundant point level detection for overflow protection

- Highly resistant materials enable use in aggressive media
- Product-independent switching point guarantees exact detection of limit level
- Maintenance-free operation increases system availability

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VEGATOR 121

Single-channel controller for point level detection

- Comprehensive monitoring: detects short-circuit and measuring line break - as well as any sensor malfunction
- Simple, convenient SIL and WHG proof-testing with function test button
- Easy mounting via DIN carrier rail as well as detachable, coded terminals

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BASIC

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Measuring range - Distance 15 m
Process temperature -40 ... 80 °C
Process pressure -1 ... 3 bar
Accuracy ± 2 mm
Frequency 80 GHz
Beam angle 8°
Materials, wetted parts PVDF
Threaded connection G1½, 1½ NPT, R1½
Seal material FKM
Housing material Plastic

Mounting accessories
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Materials, wetted parts
316L

PRO

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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

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Protection rating

IP20

Input

1 x sensor input two-wire 8/16 mA

Output

1 x operating relay (SPDT)
Optionally 1 x fail safe relay output (SPDT)

Ambient temperature

-20 ... 60 °C

Signal input (specify)

Two-wire 8/16 mA

Signal output (specify)

Operating relay
Fail safe relay