

# 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.

### Your benefit

#### **Reliable**

Reliable measurement right through the container top

#### **Cost effective**

Long service life thanks to high chemical resistance

#### **User friendly**

Simple mounting

# Ausschreibungstext für: Chemical tank - 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

## Technische Daten:

Measuring range – distance	15 m
Frequency	80 GHz
Process temperature	-40 ... +80 °C
Process pressure	-1 ... +3 bar
Measuring accuracy	2 mm
Thread connection (Please choose)	G1½ 1½ NPT R1½
Protection rating	IP66/IP67
Output	4 ... 20mA/HART
Wetted materials	PVDF
Beam angle	8°

Hersteller VEGA

Angebotener Typ: .....

Vom Bieter einzutragen.  
z.B. VEGAPULS 21 oder gleichwertig.

# Ausschreibungstext für: Chemical tank - Mounting bracket with adjustable sensor holder



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

## Technische Daten:

Materials, wetted parts

316L

Hersteller

VEGA

Angebotener Typ:

.....

Vom Bieter einzutragen.

z.B. Mounting bracket with adjustable sensor holder oder gleichwertig.

# Ausschreibungstext für: Chemical tank - VEGASWING 63



Redundant point level detection for overfill 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

## Technische Daten:

Process temperature	-50 ... +150 °C
Wetted materials	ECTFE
Seal	EPDM
Process fitting	Flange DN25PN40 Form C, DIN2501
Protection rating	IP66/IP67
Output (Please choose)	Relay (DPDT) Contactless electronic switch Transistor (NPN/PNP)
Approval (Please choose)	Overfill protection according to WHG VLAREM II
Length (from sealing surface)	Freely selectable (80 ... 6000 mm)

Hersteller VEGA

Angebotener Typ:

.....  
Vom Bieter einzutragen.  
z.B. VEGASWING 63 oder gleichwertig.

# Ausschreibungstext für: Chemical tank - 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

## Technische Daten:

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
Adjustment	DIP switch
Indication	LED

Hersteller VEGA

Angebotener Typ: .....

Vom Bieter einzutragen.  
z.B. VEGATOR 121 oder gleichwertig.