



#### Reliable

Optimum protection against overfilling

#### Cost effective

Continuous measurement allows maximum use of container

#### User friendly

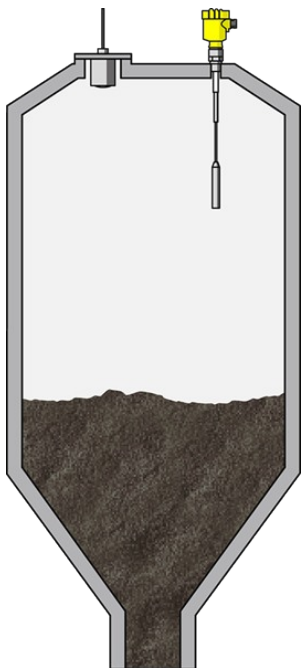
Reliable, maintenance-free operation

## Sludge granulate silo

### Level measurement and point level detection in the sludge granulate silo

After thermal drying, the sludge is stored in silos for further use. The granulated product is disposed of in landfills, used in agriculture or burned for energy generation. The level measurement and point level detection ensure that the container volume is optimally utilized.

#### More details



#### VEGAPULS C 23

Continuous radar level measurement of the sludge granulate silo

- Simple mounting and setup
- Unaffected by dust generation
- Maintenance free thanks to contactless measurement
- Wireless operation via Bluetooth with smartphone, tablet or PC

#### Show Product



#### VEGACAP 65

Capacitive point level detection for filling control

- Reliable full-level signal during filling
- Robust mechanical design of sensor ensures a long service life
- Shortenable cable length for easy adaptation to local conditions

#### Show Product



#### VEGATOR 141

Double channel signal conditioning instrument for level detection

- Simple adjustment of the switching point through a potentiometer
- Clearly visible switching status via LED
- Simple installation through carrier rail mounting as well as detachable, coded terminals

#### Show Product

## BASIC

## VEGAPULS C 23

[Show Product](#)**Measuring range - Distance**

30 m

**Process temperature**

-40 ... 80 °C

**Process pressure**

-1 ... 3 bar

**Accuracy**

± 2 mm

**Frequency**

80 GHz

**Beam angle**

4°

**Materials, wetted parts**

PVDF

**Threaded connection**

G1, 1 NPT, R1

**Protection rating**

IP66/IP68 (3 bar), Type 6P

**Output**

4 ... 20 mA/HART

Modbus

SDI-12

## PRO

## VEGACAP 65

[Show Product](#)**Measuring range - Distance**

-

**Process temperature**

-50 ... 200 °C

**Process pressure**

-1 ... 64 bar

**Version**

Cable ø 6 mm with screening tube without weight  
 Cable ø 6 mm with screening tube and gravity weight  
 Cable ø 6 mm with gravity weight  
 Cable ø 8 mm with abrasion protection without weight  
 Cable ø 8 mm with abrasion protection and gravity weight  
 Cable ø 8 mm with gravity weight  
 PA cable ø 12 mm with screening tube and gravity weight

**Materials, wetted parts**

PTFE

316L

PA

PEEK

Steel

**Threaded connection**

≥ G1, ≥ 1 NPT

**Flange connection**

≥ DN50, ≥ 2"

**Housing material**

Plastic

Aluminium

Stainless steel (precision casting)

Stainless steel (electropolished)

**Protection rating**

IP66/IP68 (0,2 bar)

IP66/IP67

IP66/IP68 (1 bar)

**Output**

Relay (DPDT)

Contactless electronic switch

Transistor (NPN/PNP)

Two-wire

## VEGATOR 141

[Show Product](#)**Protection rating**

IP20

**Input**

1 x 4 ... 20 mA sensor input

**Output**

1 x operating relay (SPDT)

Optionally 1 x fail safe relay output (SPDT)

**Ambient temperature**

-20 ... 60 °C

**Signal input (specify)**

4 ... 20 mA

**Signal output (specify)**

Operating relay

Fail safe relay