



#### Reliable

Optimum protection against overfilling

#### Cost effective

Continuous measurement allows maximum use of container

#### User friendly

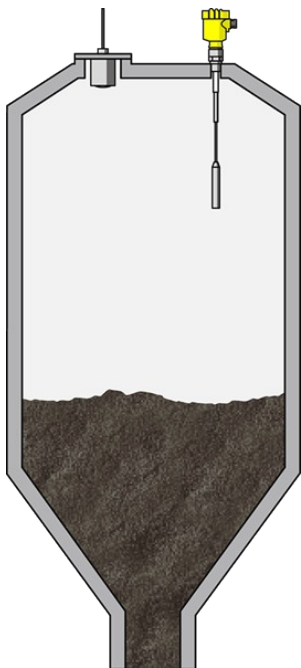
Reliable, maintenance-free operation

## 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 deposited 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

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## BASIC

**VEGAPULS C 23**  
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**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**  
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**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**  
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**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