



Reliable

Reliable monitoring of the dewatering process

Cost effective

Optimal operation of the equipment

User friendly

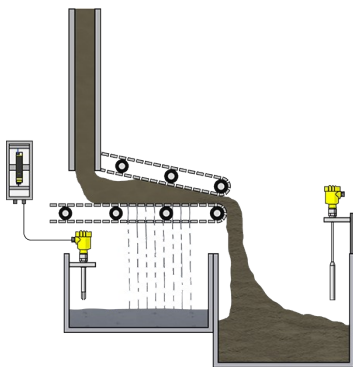
Robust, maintenance-free sensor technology

Sludge dewatering

Level detection of sludge and water

The digested sludge is dewatered prior to drying in centrifuges or filter presses. The sludge liquor thus obtained passes through the cleaning process of the WWTP once again. A level detector controls the pumps in the filter water tank to prevent overflowing. The discharge of the dewatered sludge is controlled by a point level sensor.

[More details](#)



VEGASWING 63

Point level detection in the filter water tank for pump control

- Reliable point level switching, even with changing water composition
- Adjustment-free and easy to install
- Maintenance-free operation

[Show Product](#)



VEGACAP 65

Full signal for detecting the filter cake during discharge

- Reliable point level detection, even with adhesive media
- Simple sensor installation and adjustment
- Maintenance and wear free operation

[Show Product](#)



VEGATOR 121

Single channel controller for level detection

- Comprehensive monitoring detects short-circuit and line break of the measuring cable and interferences in the sensor
- Simple and comfortable SIL and WHG function test by means of test key
- Simple installation through carrier rail mounting as well as detachable, coded terminals

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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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PRO

VEGASWING 63[Show Product](#)**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≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ 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

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 121[Show Product](#)**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

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