



### Reliable

Reliable monitoring of the dewatering process

### Cost effective

Optimal operation of the equipment

### User friendly

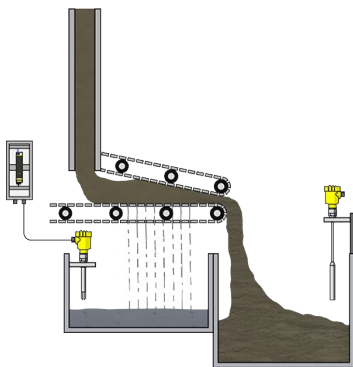
Robust, maintenance-free sensor technology

## 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 ≥ 1 $\frac{1}{2}$ ", ≥ 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