



### Reliable

Reliable control of the cleaning cycle in sand traps

### Cost effective

Targeted cleaning depending on the amount of sand deposits

### User friendly

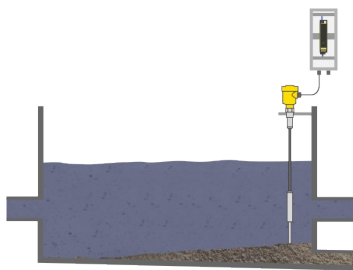
Simple installation and maintenance-free operation

## Grit trap

### Point level detection in a grit trap

Through circulation and aeration of the wastewater, mineral substances such as grit and sand settle to the bottom of the settling basin. Point level detection of settled sand under water prevents equipment malfunction and damage and controls the cleaning cycle in the grit trap.

[More details](#)



### VEGAVIB 62

Level detection of settled grit under water

- Reliable function through product-independent switching point
- Wear and maintenance free operation
- Freely moving sensor element and highly durable suspension cable

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### 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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**VEGAVIB 62**  
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**VEGATOR 121**  
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**Process temperature**  
 -40 ... 150 °C

**Process pressure**  
 -1 ... 6 bar

**Version**  
 Detection of solids in water  
 Suspension cable

**Materials, wetted parts**  
 316L  
 FEP  
 PUR

**Threaded connection**  
 $\geq G1, \geq 1 \text{ NPT}$

**Flange connection**  
 $\geq DN 32, \geq 1\frac{1}{2}"$

**Seal material**  
 CR, CSM

**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  
 NAMUR

**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