Reliable

Reliable control of the cleaning cycle in sand traps

Cost effective

Targeted cleaning depending on the amount of sand deposits

User friendly

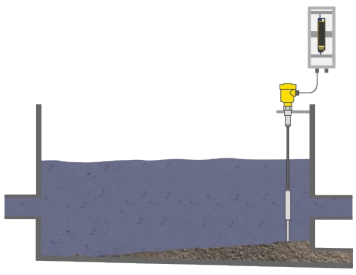
Simple installation and maintenance-free operation

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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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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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
≥ G1, ≥ 1 NPT

Flange connection
≥ DN 32, ≥ 1½"

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

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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