



Reliable

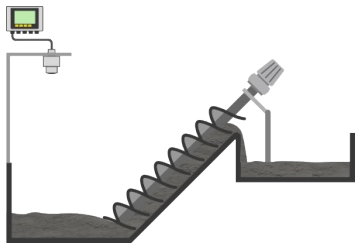
Reliable measurement and control of the pumps

Cost effective

Maintenance-free operation and non-contact measurement technology

User friendly

Reliable function under all operating conditions



Sewage screw lifting station

Level measurement in the sewage lifting station

The heavily soiled, greasy wastewater from households and commercial enterprises flows into the sewage lifting station. The dirty water and floating debris contained therein are raised to a higher level with screw pumps and then flow into the treatment plant along a natural downward gradient. Level measurement in the inlet shaft controls the cost-effective use of the pumps.

[More details](#)

VEGAPULS C 21

Level measurement with radar in the inlet shaft

- Maintenance-free operation through non-contact 80 GHz radar technology
- Simple mounting reduces installation and setup costs
- Secure wireless operation via Bluetooth with smartphone, tablet or PC

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VEGAMET 861

Controller and display instrument for pump control

- Universal controller for simple pump control
- Fast setup and commissioning thanks to simple menu navigation and application wizards

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VEGAPULS C 21[Show Product](#)**VEGAMET 861**[Show Product](#)**Measuring range - Distance**

15 m

Process temperature

-40 ... 80 °C

Process pressure

-1 ... 3 bar

Accuracy

± 2 mm

Frequency

80 GHz

Beam angle

8°

Materials, wetted parts

PVDF

Threaded connection

G1½ / G1, 1½ NPT / 1 NPT, R1½ / R1

Seal material

FKM

Protection rating

IP66/IP68 (3 bar), Type 6P

Protection rating

IP66/IP67, Type 4X

Input

1 x 4 ... 20 mA/HART sensor input

2x digital input

Output

1 x 0/4 ... 20 mA current output

1x failure relay (instead of operating relay)

4x operating relay

Ambient temperature

-40 ... 60 °C

Measured value memory

Internally

SD card