



#### Reliable

Reliable measurement and control of the pumps

#### Cost effective

Maintenance-free operation and non-contact measurement technology

#### User friendly

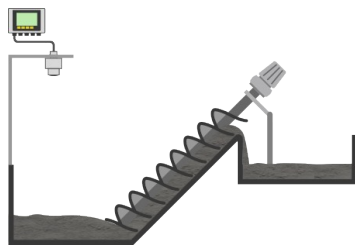
Reliable function under all operating conditions

## 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