

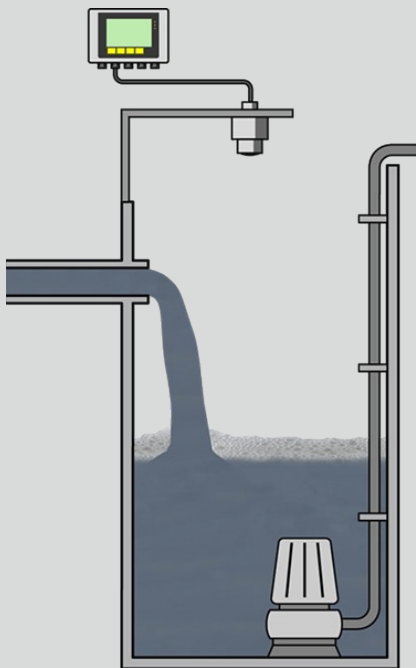


Pumping station

- Reliable
- Reliable measurement of the level
- Cost effective
- Pump switching ensures optimal operating times
- User friendly
- Maintenance-free, trouble-free operation

Level control in a pumping station

Wastewater from households and businesses, together with surface water, is carried to the wastewater treatment plant via an extensive sewer network. If the natural gradient is not steep enough, numerous pumping stations are required to create a sufficient height difference. The level measurement in the inlet shaft is used for cost-effective control of the pumps.



VEGAPULS C 11

Non-contact level measurement with radar in the inlet shaft

- Exact measuring results unaffected by internal fixtures and foaming
- High plant availability thanks to wear and maintenance free measurement
- Highly corrosion resistant materials ensure a long service life
- Secure, user-friendly wireless operation via Bluetooth with smartphone, tablet or PC



VEGAMET 841

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



VEGAPULS C 11	VEGAMET 841
Measuring range - Distance 8 m	Protection rating IP66/IP67, Type 4X
Process temperature -40 ... 60 °C	Input 1 x 4 ... 20 mA sensor input
Process pressure -1 ... 3 bar	Output 1 x 0/4 ... 20 mA current output 3 x operating relay 1x failure relay (instead of operating relay)
Accuracy ± 5 mm / ± 0.2"	Ambient temperature -40 ... 60 °C
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	