



Sludge thickening tank

Reliable

Reliable content measurement in the sludge thickening tank

Cost effective

Non-contact measurement ensures maintenance-free operation

User friendly

Simple installation and setup

Level measurement in a sludge concentration tank

Before the sludge enters the digestion tower, it is stored in large vessels. During storage, the sludge is dewatered and thickened sometimes scrapers and agitators are used to accelerate the process.



VEGAPULS WL 61

Continuous level measurement for uninterrupted monitoring of sludge volume

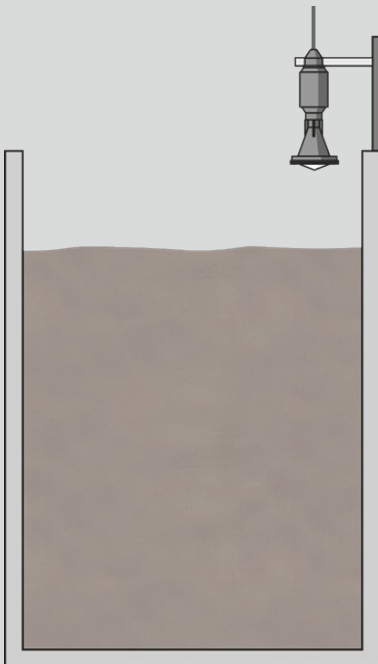
- Operationally reliable, maintenance-free measurement
- Non-contact, wear-free measurement
- Simple mounting and setup



VEGAMET 391

Power supply for sensor, measurement data processing and display

- Simple regulation and control of level and pressure measuring instruments
- Analogue and digital outputs for connection to process control systems
- Large measured value display





VEGAPULS WL 61	VEGAMET 391
Measuring range - Distance 15 m	Protection rating IP 20/IP 65
Process temperature -40 ... 80 °C	Input 1 x 4 ... 20 mA/HART sensor input with transmitter power supply
Process pressure -1 ... 2 bar	Output 1 x 0/4 ... 20 mA current output up to 6 x operating relay 1 x fail safe relay 1 x Ethernet or 1 x RS232
Accuracy ± 2 mm	Ambient temperature -20 ... 60 °C
Version with plastic horn antenna ø 80 mm	Signal input (specify) 4 ... 20 mA/HART
Materials, wetted parts PP	Signal output (specify) 4 ... 20 mA Operating relay Fail safe relay Ethernet RS232 Display
Threaded connection G1½	
Flange connection ≥ DN80, ≥ 3"	
Housing material Plastic	
Protection rating IP 68 (2 bar)	