

#### Reliable

Reliable measuring results in all weather conditions

Cost effective Easy to install on existing infrastructure

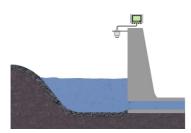
User friendly Maintenance-free operation

# Stormwater retention basin

## Level measurement in a stormwater retention basin

In case of heavy precipitation, excess rainwater is temporarily stored in open, artificial reservoirs. The water reservoir buffers the drainage and the water is pre-cleaned through natural settlement. Continuous level data are the basis for calculating the flow through the sewer system and thus protecting against flooding.

#### More details





## **VEGAPULS C 21**

Non-contact level measurement with radar in a rainwater retention pond

- Exact measuring results unaffected by fog and wind
- High-precision measurement as protection against flooding
- Secure, user-friendly wireless operation via Bluetooth with smartphone, tablet or PC

### **Show Product**



Level controller, display, data processing and sensor power supply

- Clear, easy-to-read, user programmable display
- Robust housing designed for the harsh conditions in the field
- Universal controller for water and wastewater applications

## **Show Product**



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VEGAPULS C 21 Show Product	VEGAMET 841 Show Product		
Measuring range - Distance	Protection rating		
15 m	IP66/IP67, Type 4X		
Process temperature	Input		
-40 80 °C	1 x 4 20 mA sensor input		
Process pressure	Output		
-1 3 bar	1 x 0/4 20 mA current output		
Accuracy	3 x operating relay 1x failure relay (instead of operating relay)		
± 2 mm			
Frequency	Ambient temperature		
80 GHz			
Beam angle 8°			
Materials, wetted parts			
Threaded connection			
G1½/G1, 1½ NPT/1 NPT, R1½/R1	_		
Seal material			
FKM			
Protection rating			
IP66/IP68 (3 bar), Type 6P			

