

#### Reliable

High operational reliability even when subjected to inundation

# **Cost effective**

Reliable measurement and maintenance-free operation

#### **User friendly**

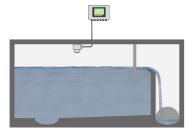
Simple setup and adjustment



# Combined Sewer Overflow (CSO) Level measurement in the stormwater overflow chamber

Large Combined Sewer Overflows (CSOs) protect the wastewater treatment plant from a capacity overload during heavy rain. The precipitation is temporarily stored and then delivered to the treatment plant at a reduced rate. If the stormwater basin cannot hold the accumulating quantities of water, part of it is discharged. Due to legal requirements, such operational events and discharged water quantities must be measured and documented. A level sensor provides the required measurement data.

#### More details





# **VEGAPULS C 22**

Event duration and storm water retention monitoring using radar level sensor

- · Reliable overfill detection and measuring results, independent of operating conditions
- Radar based sensor enables accurate monitoring of level and discharge quantity
- Level monitoring without brackets which can cause problems with ragging and fouling
- Secure, user-friendly wireless operation via Bluetooth with smartphone, tablet or PC

## **Show Product**



## **VEGAMET 861**

Controller and display instrument for level and flow volume computation

- Clearly arranged display for indication of retained and discharged quantities
- Highly accurate calculation of the discharge volume
- Large measurement data memory with micro SD card

### **Show Product**



VEGAPULS C 22 Show Product	VEGAMET 861 Show Product
Measuring range - Distance 15 m	Protection rating IP66/IP67, Type 4X
Process temperature -40 80 °C	Input 1 x 4 20 mA/HART sensor input 2x digital input
Process pressure -1 3 bar	Output
Accuracy ± 2 mm	1 x 0/4 20 mA current output 1x failure relay (instead of operating relay) 4x operating relay
Frequency 80 GHz	Ambient temperature -40 60 °C
Beam angle 8°	Measured value memory Internally SD card
Materials, wetted parts PVDF	
Threaded connection G1½, 1½ NPT, R1½	
Seal material FKM	
Housing material Housing material	

