

### 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





### **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 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, 1½ NPT, R1½

### Seal material

FKM

## Housing material

Housing material

# **VEGAMET 861 Show Product**



### 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

