

#### Reliable

Reliable measuring results in all weather conditions

Cost effective Easy to install on existing infrastructure

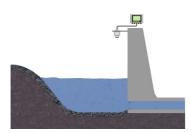
User friendly Maintenance-free operation

# 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<br>Show Product | VEGAMET 841<br>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<br>1x failure relay (instead of operating relay) |  |  |
| ± 2 mm                        |  |  |  |
| Frequency                     | Ambient temperature  |  |  |
| 80 GHz                        |  |  |  |
| Beam angle<br>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    |  |  |  |

