



### Reliable measurement

Accurate data under all environmental conditions

### Cost effective

Maintenance-free operation

### User friendly

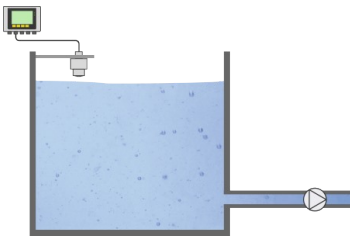
Simple mounting and setup

## Seawater extraction

### Level measurement for seawater extraction

The seawater is fed into large buffer basins for further processing, sometimes these can be several hundred metres from the coast. Level measurement in the basins controls the extraction pumps and thus enables reliable operation of the plant.

[More details](#)



### VEGAPULS C 21

Radar sensor for level measurement in open basins

- Exact measuring results unaffected by ambient conditions
- High plant availability thanks to wear and maintenance free measurement
- Secure wireless operation via Bluetooth with smartphone, tablet or PC

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### VEGAMET 841

Controller for measured value processing and display

- Universal controller for pump control and measured value display
- Analogue outputs for connection to process control systems
- Quick setup via simple menu navigation and application wizards

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**VEGAPULS C 21**[Show Product](#)**VEGAMET 841**[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 / G1, 1½ NPT / 1 NPT, R1½ / R1

**Seal material**

FKM

**Protection rating**

IP66/IP68 (3 bar), Type 6P

**Protection rating**

IP66/IP67, Type 4X

**Input**

1 x 4 ... 20 mA sensor input

**Output**

1 x 0/4 ... 20 mA current output

3 x operating relay

1x failure relay (instead of operating relay)

**Ambient temperature**

-40 ... 60 °C