



#### Reliable

Reliable measurement and pump control

#### Cost effective

Maintenance-free operation and non-contact measurement technology

#### User friendly

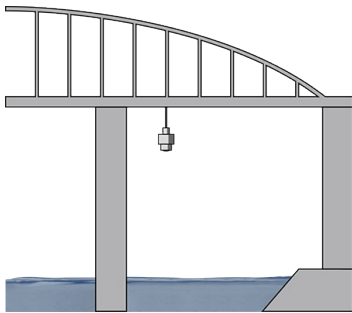
Reliable function in any weather

## Cooling water intake

### Water level gauging in the cooling water intake structure

Coal fired power stations use huge amounts of cooling water. This water is usually taken from rivers, with the help of specially built intake structures. At these extraction points, reliable level measurement in all weathers and surface conditions is needed to ensure an ample supply of cooling water for the operation of the plant.

[More details](#)



### VEGAPULS C 21

Non-contact water level measurement with radar in the intake structure

- Simple mounting and maintenance-free operation
- The high protection class and the large, high-precision measuring range ensure extremely accurate level measurement
- Reliable measuring results, even in extreme weather conditions

[Show Product](#)

**VEGAPULS C 21**[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