



Cooling water intake

- Reliable
- Reliable measurement and pump control
- Cost effective
- Maintenance-free operation and non-contact measurement technology
- User friendly
- Reliable function in any weather

Water level gauging in the cooling water intake structure

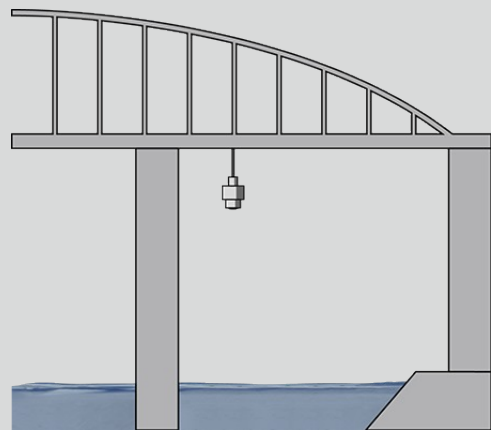
Coal fired power stations use huge amounts of cooling water. This water is usually taken from rivers, with the help of specially built intake structures. At these extraction points, reliable level measurement in all weathers and surface conditions is needed to ensure an ample supply of cooling water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



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





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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