



Reliable

Reliable content measurement in the fuel oil tank

Cost effective

Maintenance-free operation through non-contact measurement

User friendly

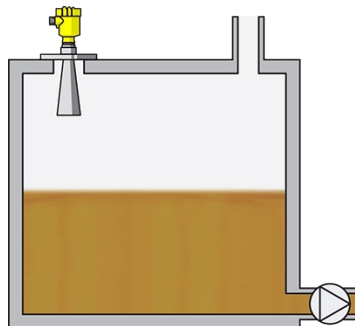
Simple mounting and setup

Fuel oil storage tanks

Level measurement in fuel oil storage tanks

To start up the combustion process in a coal power plant, fuel oil is required. Then later the plant switches over to its proper fuel, coal. The fuel oil is stored in large storage tanks equipped with state-of-the-art level measurement technology.

[More details](#)



VEGAPULS 6X

Non-contact, maintenance-free level measurement with radar in the fuel oil tank

- Exact and easily installed level measuring system, also for extremely high vessels
- High reliability, even when medium has poor reflective properties
- Proven measuring system ensures high operational reliability

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VEGAPULS 6X[Show Product](#)**Measuring range - Distance**

120 m

Process temperature

-196 ... 450 °C

Process pressure

-1 ... 160 bar

Accuracy

± 1 mm

Frequency

6 GHz

26 GHz

80 GHz

Beam angle

≥ 3°

Materials, wetted parts

PTFE

PVDF

316L

PP

PEEK

Threaded connection

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN20, ≥ ¾"

Hygienic fittings

Clamp ≥ 1½" - DIN32676, ISO2852

Slotted nut ≥ 2", DN50 - DIN 11851

Varivent ≥ DN25

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

Hygienic screw connections ≥ DN50 tube ø53 -

DIN11864-1-A

Hygienic flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-

3-A

DRD connection ø 65 mm

SMS 1145 DN51