



Reliable

Reliable content measurement in the fire water tank

Cost effective

Maintenance-free operation through non-contact measurement

User friendly

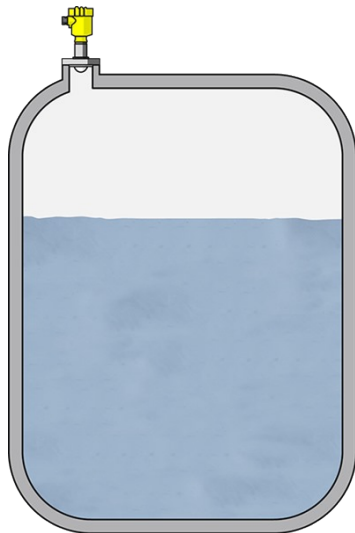
Simple mounting and setup

Storage tanks for fire water

Level measurement in storage tanks for fire water

To ensure fire safety, power plants are required to have an adequate supply of extinguishing water on hand for the fire brigade. The water is usually provided through a central fire water main. To make sure there is always a minimum supply on site, trustworthy level measuring instruments are deployed in the fire water

[More details](#)



VEGAPULS 6X

Non-contact radar level measurement in liquids

- Simple installation and setup on existing tanks without emptying the container beforehand
- High measurement certainty, because condensation does not affect the measuring results
- Robust design ensures maximum operational reliability, even with large distances up to 30 m

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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