



Reliable

Reliable and accurate measurement,
independent of the medium properties

Cost effective

Common sensor type for all applications
reduces spare parts stocking

User friendly

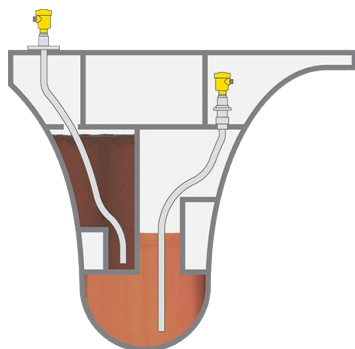
Simple, easily accessible mounting from top

Cavity tanks

Level measurement in cavity service tanks on navy and research vessels

To extend the duration of stay at sea, every cubic centimetre of space on navy and research vessels is utilised. All available spaces and any inaccessible places on the ship are used as additional tanks for drinking water, diesel or aviation fuel. The tank shape and dimensions are completely different from familiar standard tanks. Depending on the type and size of the ship, they can also extend over several decks. A reliable level measurement is indispensable for the operation of these ships.

[More details](#)



VEGAPULS 66

Non-contact level measurement with radar in cavity tanks

- Sensor couples its signal directly into the sounding pipe
- Special fitting enables to perform manual sounding
- Costs for a second monitoring well are saved

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VEGAPULS 66[Show Product](#)**Measuring range - Distance**

35 m

Process temperature

-60 ... 400 °C

Process pressure

-1 ... 160 bar

Accuracy

± 8 mm

Frequency

6 GHz

Beam angle

≥ 14°

Version

for separate horn antenna
 with horn antenna ø 48 mm
 with horn antenna ø 75 mm
 with horn antenna ø 95 mm
 with ø 52 mm standpipe
 for separate standpipe
 with horn antenna ø 140 mm enamelled
 with horn antenna ø 145 mm
 with horn antenna ø 160 mm enamelled
 with horn antenna ø 195 mm
 with horn antenna ø 240 mm

Materials, wetted parts

316L
 Alloy C22 (2.4602)
 Enamel
 Alloy C276 (2.4819)
 316
 1.4435

Flange connection

≥ DN50, ≥ 2"

Seal material

EPDM
 FKM
 FFKM
 graphit and ceramic
 PTFE
 Silicone FEP coated