Reliable

Reliable and accurate measurement, independent of the medium properties

Cost effective

Common sensor type for all applications reduces spare parts stocking

User friendly

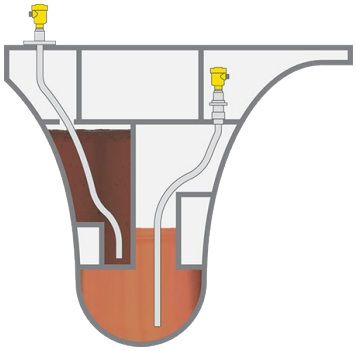
Simple, easily accessible mounting from top

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

Show Product

PRO

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