

#### Reliable

Reliable and accurate measurement, independent of the medium properties

# Cost effective

Common sensor type for all applications reduces spare parts stocking

#### **User friendly**

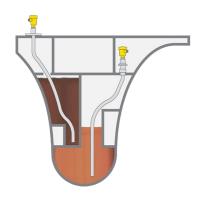
Simple, easily accessible mounting from top

# 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**



# **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

