Reliable

Exact filling height is important for a smooth operation

Cost effective

Reliable measurement ensures safe and efficient loading and unloading so vessels have a good uptime
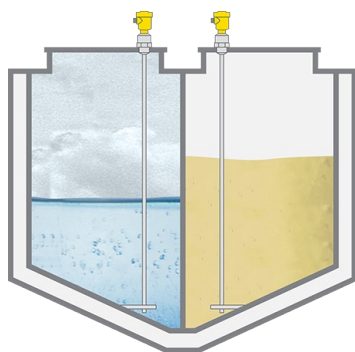
User friendly

Maintenance free operation

Slop tank

Level measurement in the slop tank

Usually a ship has two slop tanks, portside and starboard. This tank contains the water from the cleaning processes on a ship. Especially after sailing the procedure of tank cleaning is processed and the slob tanks are filled with wash water. It includes chemicals, edible oils or other products. A level measurement is important to ensure a reliable cleaning process.

More details

VEGAFLEX 81

Level measurement with guided wave radar in the slop tank

- Precise measurement close to the bottom and tank top
- Reliable measuring values unaffected by foam and small product layers
- Shortenable probes offer a simple standardization and highest flexibility in the planning

Show Product

VEGADIS 81

External display and adjustment unit for 4 ... 20 mA HART sensors

- Measured value display and sensor adjustment in a readily accessible location
- Easy-to-read display with plain text and graphics
- Simple adjustment via 4 keys and clearly structured program guidance

Show Product

VEGA **HOME OF VALUES**

VEGAFLEX 81
Show Product

VEGADIS 81
Show Product

Measuring range - Distance
75 m

Process temperature
-60 ... 200 °C

Process pressure
-1 ... 40 bar

Accuracy
± 2 mm

Version
Basic version for exchangeable cable ø 2; ø 4 mm
Basic version for exchangeable rod ø 8 mm
Basic version for exchangeable rod ø 12 mm
Coax version ø 21.3 mm for ammonia application
Coax version ø 21.3 mm with single hole
Coax version ø 21.3 mm with multiple hole
Coax version ø 42.2 mm with multiple hole
Exchangeable rod ø 8 mm
Exchangeable rod ø 12 mm
Exchangeable cable ø 2 mm with gravity weight
Exchangeable cable ø 4 mm with gravity weight
Exchangeable cable ø 2 mm with centering weight
Exchangeable cable ø 4 mm with centering weight
Exchangeable cable ø 4 mm without weight
exchangeable, PFA-coated cable ø4 mm with non-coated
centering weight

Materials, wetted parts
PFA
316L
Alloy C22 (2.4602)
Alloy 400 (2.4360)
Alloy C276 (2.4819)
Duplex (1.4462)
304L

Threaded connection
≥ G¾, ≥ ¾ NPT

Flange connection
≥ DN25, ≥ 1"

Seal material
EPDM
FKM
FFKM
Silicone FEP coated
Borosilicate glass

Housing material
Plastic
Aluminium
Stainless steel (precision casting)
Stainless steel (electropolished)

Housing material
Plastic
Aluminium
Stainless steel (precision casting)

Protection rating
IP66/IP67

Ambient temperature
-20 ... 70 °C

Signal input (specify)
plics sensor (serial)

Signal output (specify)
Display