



## Bilges

### Point level detection for bilge and leakage monitoring

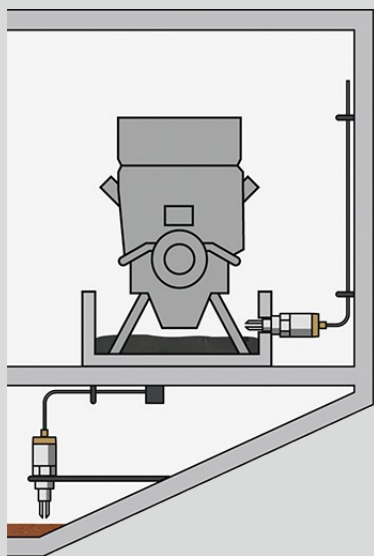
Every ship has 'bilges' – this is space at the lowest point of the vessel between the floor of the engine room and the bottom of the ship. A water/oil mixture collects in this bilge area, where the mixture is pumped out and recovered and separated into water and oil by an on-board skimmer and demulsifying unit. The bilge de-oiling equipment is normally controlled by level switches. The oil sumps of the main engine and any auxiliary systems must also be monitored continuously for safety and environmental reasons.

- Reliable
- Maximum safety for humans and the environment
- Cost effective
- Simple installation
- User friendly
- Maintenance-free and reliable operation

### VEGASWING 51

Vibrating level switch for point level detection in bilge and oil pan

- Compact design allows installation in almost any position
- Maintenance-free operation, as the vibrating level switch has no mechanical moving parts
- Foam, bubble formation and viscosity do not influence switching accuracy





## VEGASWING 51

Measuring range - Distance

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Process temperature

-40 ... 150 °C

Process pressure

-1 ... 64 bar

Version

Standard

Extended temperature range

Hygienic applications

Materials, wetted parts

316L

Threaded connection

≥ G½, ≥ ½ NPT

Hygienic fittings

Clamp ≥ 1" - DIN32676, ISO2852

Slotted nut ≥ DN25 - DIN 11851

hygienic fitting F40 with compression nut

SMS DN38

Seal material

no media contact

Housing material

Plastic

Stainless steel

Protection rating

IP67

IP65

IP68 (0,2 bar)