

Reliable

Reliable water volume measurement

Cost effective

Robust measuring technology ensures long, maintenance-free operation

User friendly Simple installation and setup

Service tanks drinking water

Level measurement in tanks with drinking water

Drinking water is an essential commodity on a ship. It is stored separately in dedicated tanks. Depending on the type and size of the ship, different amounts of fresh water are required for drinking, personal hygiene and cleaning. Direct electrical measuring principles are mandatory for level measurement.

More details





VEGABAR 28

Hydrostatic pressure sensor for level measurement in the drinking water tank

- Materials approved for drinking water and a front-flush diaphragm provide absolutely hygienic measurement
- User-friendly, wireless setup and diagnostics with smartphone
- Easy to install lateral mounting arrangement

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Capacitive point level sensor for point level detection in the service tank

- Compact design enables mounting in virtually any position
- Low-cost level switch with extremely small installation dimensions

Show Product



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Show Product	Show Product
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Measuring range - Pressure	Measuring range - Distance
-1 60 bar	-
Process temperature	Process temperature
-40 130 °C	-40 115 °C
Accuracy	Process pressure
0.3 %	-1 64 bar
Materials, wetted parts	Materials, wetted parts
PVDF	316L
Duplex (1.4462)	PEEK
Ceramic	Thursday connection
316/316L	Threaded connection ≥ G ¹ / ₂ , ≥ ¹ / ₂ NPT
Threaded connection	
≥ G½, ≥ ½ NPT	Hygenic fittings
	Clamp ≥ 2", DN50 - DIN32676, ISO2852
Hygenic fittings	Clamp ≥ 1" - DIN32676, ISO2852
Clamp ≥ 2", DN50 - DIN32676, ISO2852	Clamp ≥ 1½" - DIN32676, ISO2852
Clamp ≥ 1" - DIN32676, ISO2852	Slotted nut $\geq 11/2^{"}$, \geq DN40 - DIN 11851
Clamp ≥ 1½" - DIN32676, ISO2852 Slotted nut ≥ DN25 - DIN 11851	Slotted nut ≥ DN25 - DIN 11851 Slotted nut ≥ DN32 - DIN 11851
Slotted nut ≥ DN25 - DIN 11851	Slotted Hut 2 DIV32 - DIV 11631
SIGLEG HUL 2 DIN32 - DIN 11851 SMS 1145 DN51	Seal material
SMS DN38	EPDM
Hygienic fittings ≥ DN25 - DIN11864-1-A	FKM
Hygienic fittings ≥ DN40 - DIN11864-1-A	
Varivent N50-40	Protection rating
SMS DN25	IP66/IP67
Ingold connection PN10	IP69
Varivent F25	Output
Seal material	Transistor (NPN/PNP)
	IO-Link
EPDM	
FKM FFKM	Ambient temperature
Protection rating	
IP65	
IP68 (0,5 bar)/IP69	
Output	
4 20 mA	
Three-wire (PNP/NPN, 4 20 mA)	
IO-Link	
Ambient temperature	
-40 70 °C	