



Reliable

Better, consistent product quality, because of precise monitoring

Cost effective

Simple setup and commissioning, completely maintenance free

User friendly

Universal, media-independent measurement technology

Silage tank

Level measurement and point level detection in the storage tank for fish waste

Fish waste and scraps are the valuable raw material for fish silage, which in turn is a protein-rich raw material for the production of fish meal and dry fish feed. The acids used during production enable controlled growth of bacteria. The levels in the storage tanks must be carefully and reliably monitored. The visualisation of current process and storage status is handled by VEGA Inventory System.

More details



VEGAPULS 6X

Non-contact level measurement with radar in the silage tank

- Maintenance-free operation thanks to non-contact measuring principle
- Simple installation and setup
- Reliable measurement unaffected by foam and buildup

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VEGACAP 64

Capacitive level switch as overflow protection in the silage tank

- Millimetre-precise detection of the switching point, independent of the consistency of the medium
- Reliable measurement unaffected by buildup and foam
- Long service life and low maintenance requirement through robust construction

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VEGA Inventory System

Software for data acquisition and visualisation of level data

- Easy access to live data around the clock
- Accurate, up-to-date information on tank levels
- Simplified management through a wide range of functions
- Fully automatic and timely notification of re-supply requirements
- Increased security of supply

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VEGAPULS 6X

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Measuring range - Distance
120 m

Process temperature
-196 ... 450 °C

Process pressure
-1 ... 160 bar

Accuracy
± 1 mm

Frequency
6 GHz
26 GHz
80 GHz

Beam angle
≥ 3°

Materials, wetted parts
PTFE
PVDF
316L
PP
PEEK

Threaded connection
≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ NPT

Flange connection
≥ DN20, ≥ $\frac{3}{4}$ "

Hygienic fittings
Clamp ≥ 1½" - DIN32676, ISO2852
Slotted nut ≥ 2", DN50 - DIN 11851
Varivent ≥ DN25
hygienic fitting with tension flange DN32
hygienic fitting F40 with compression nut
Hygienic screw connections ≥ DN50 tube ø53 -
DIN11864-1-A
Hygienic flange connection ≥ DN50 DIN11864-2
Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-
3-A
DRD connection ø 65 mm
SMS 1145 DN51

PRO

VEGACAP 64

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Measuring range - Distance
-

Process temperature
-50 ... 200 °C

Process pressure
-1 ... 64 bar

Version
PTFE insulation

Materials, wetted parts
PTFE
316L
Alloy C22 (2.4602)
Steel C22.8

Threaded connection
≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ NPT

Flange connection
≥ DN25, ≥ 1"

Seal material
no media contact

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

Protection rating
IP66/IP68 (0,2 bar)
IP66/IP67
IP66/IP68 (1 bar)

VEGA Inventory System

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