



Reliable

Reliable level measurement ensures safe operation of the ethanol depot

Cost effective

High-precision measurement allows optimal utilization of the tank volume

User friendly

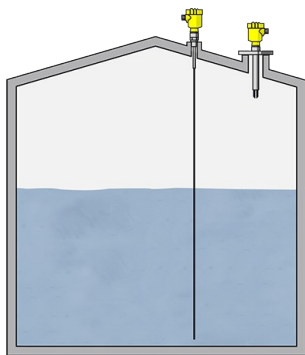
Installation from top, offers easy mounting and simple adjustment, even when tank is full

Storage tank in an ethanol plant

Level measurement and point level detection in the ethanol storage tank

After going through all process steps, the bioethanol is stored in a tank ready for delivery to the consumer. Accurate measurement of the tank contents is an important prerequisite for fiscal inventory, reliable logistics planning and ensures a sufficient supply for customers. Since the tanks can often not be emptied after an initial filling, maintenance-free operation and setup without product are crucial considerations for the measurement technology.

[More details](#)



VEGAFLEX 81

Level measurement with guided radar in the bioethanol storage tanks

- High accuracy, unaffected by medium and vapours
- Simple mounting from above greatly facilitates retrofitting
- High reliability through device accreditation to SIL2/3

[Show Product](#)



VEGASWING 63

Level detection with vibrating level switch as overflow protection in the bioethanol storage tanks

- Adjustment-free setup and maintenance-free operation
- Simple function test via keystroke
- Reliable point level measurement in compliance with SIL2 and WHG

[Show Product](#)

PRO	PRO
VEGAFLEX 81 Show Product	VEGASWING 63 Show Product
	
Measuring range - Distance 75 m	Process temperature -50 ... 250 °C
Process temperature -60 ... 200 °C	Process pressure -1 ... 64 bar
Process pressure -1 ... 40 bar	Version Standard Hygienic applications with gas-tight leadthrough with tube extension with temperature adapter
Accuracy ± 2 mm	Materials, wetted parts PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel
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	Threaded connection ≥ G¾, ≥ ¾ NPT
Materials, wetted parts PFA 316L Alloy C22 (2.4602) Alloy 400 (2.4360) Alloy C276 (2.4819) Duplex (1.4462) 304L	Flange connection ≥ DN25, ≥ 1"
Threaded connection ≥ G¾, ≥ ¾ NPT	Hygienic fittings Clamp ≥ 1" - DIN32676, ISO2852 Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Varivent ≥ DN25 hygienic fitting F40 with compression nut SMS 1145 DN51 SMS DN38 Hygienic fittings ≥ DN25 - DIN11864-1-A Hygienic flange connection DIN11864-2-A; DN60(ISO)ø60,3 SMS socket piece DN38 PN6
Flange connection ≥ DN25, ≥ 1"	Seal material no media contact
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) Stainless steel (electropolished)	Protection rating IP66/IP67 IP66/IP68 (1 bar) IP65