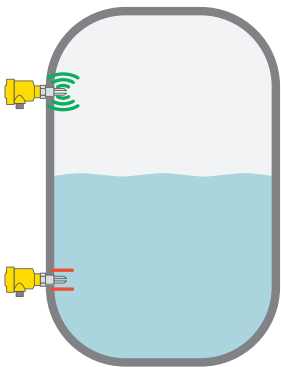


Point level | Vibration | Liquids



Vibrating level switch for all liquids

VEGASWING level switches detect the levels of liquids reliably with millimetre accuracy, regardless of their mounting position. They can be used universally to signal full or empty levels, protect against overfilling or dry running or protect pumps in containers and pipelines. They are not sensitive to turbulence, foam, vibration and buildup on the tuning fork.

Vibrating level switches operate with a tuning fork that vibrates at its resonance frequency. When the level in the tank changes and the fork is either covered or uncovered, the oscillation frequency changes - this is detected and the output made accordingly.

The advantages

- ✓ Simple setup and commissioning without adjustment saves time and costs
- ✓ Reliable point level detection, unaffected by installation position, pressure, temperature, foam and viscosity
- ✓ Low operating costs, self-monitoring and maintenance-free

BASIC

VEGASWING 51/53



PRO

VEGASWING 61/63



PRO

VEGASWING 66



Application	Liquids	Liquids	Liquids under high and low temperatures
Version	VEGASWING 51: Compact version VEGASWING 53: Tube extension up to 1 m	VEGASWING 61: Compact version VEGASWING 63: Tube extension up to 6 m	Compact version or with tube extension up to 3 m
Material	316L	316L, ECTFE, PFA, enamel, Alloy 400, Duplex, Alloy C22	Inconel 718 (tuning fork), 316L, Alloy C22
Process fitting	Thread from G½, ½ NPT, hygienic fittings	Thread from G¾, ¼ NPT, flanges from DN 25, 1", hygienic fittings	Thread from G1, 1 NPT, flanges from DN 50, 2"
Process temperature	-40 ... +150 °C	-50 ... +250 °C	-196 ... +450 °C
Process pressure	-1 ... +64 bar (-100 ... +6400 kPa)	-1 ... +64 bar (-100 ... +6400 kPa)	-1 ... +160 bar (-100 ... +16000 kPa)
Signal output	Three-wire: IO-Link, transistor (PNP/NPN), contactless electronic switch	Relay, transistor, two-wire, NAMUR output, contactless electronic switch	Relay, transistor, two-wire output
Display/adjustment	Control lamp (LED)	Control lamp (LED) or pluggable display module PLICSLED	Control lamp (LED) or pluggable display module PLICSLED
Approvals	VEGASWING 51: Overfill protection, Ship, CSA-OL, EHEDG, FDA, CE 1935/2004, EAC (GOST) VEGASWING 53: Overfill protection, CSA-OL, EHEDG, FDA, CE 1935/2004	ATEX, UKEX, IECEx, FM, CSA, EAC (GOST), UKR Sepro, Overfill protection, Ship, SIL2, KOSHA, NEPSI, INMETRO	ATEX, UKEX, IECEx, CSA, EAC (GOST), UKR Sepro, Overfill protection, steam boiler, Ship, SIL2, KOSHA, NEPSI, INMETRO, VdTÜV 100
Benefit	✓ Minimal time and cost expenditure thanks to simple setup without medium		

Controllers see page 64 – 69