

VEGASWING 66



Vibrating level switch for liquids under extreme process temperatures and pressures

Application area

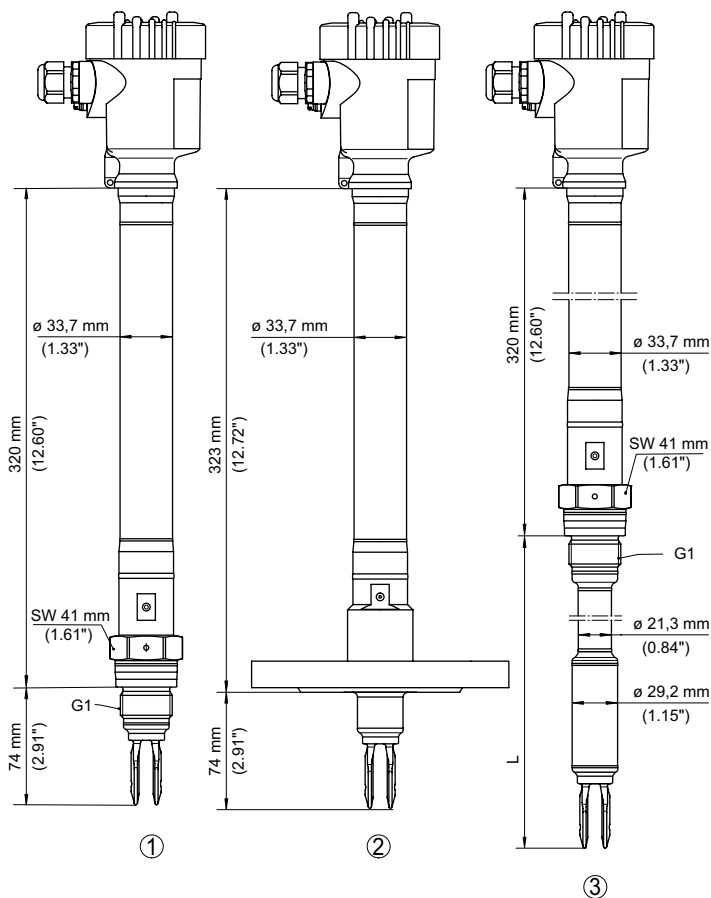
VEGASWING 66 is used as a universal vibrating level switch in all liquids. In compact version or with tube extension, it detects reliably with millimetre accuracy the limit level. The instrument can be used in vessels, pipelines and steam generators as empty or full detector. The VEGASWING offers maximum reliability and security in a wide process temperature and process pressure range.

Your benefit

- Minimum time and cost expenditure thanks to simple setup without medium
- Precise and reliable function through product-independent switching point
- Low maintenance costs
- High reliability through monitored sensor element

Technical data

Versions:	compact version or with tube extension up to 3 m
Materials:	316L, Inconel 718, Hastelloy
Process fitting:	thread from G1, 1 NPT flanges from DN 50, 2"
Process temperature:	-196 ... +450 °C
Process pressure:	-1 ... +160 bar (-100 ... +16000 kPa)
SIL qualification:	optionally up to SIL2 (homogeneous redundancy up to SIL3)



- 1 Compact version
- 2 Flange version
- 3 Tube version
- L Sensor length

You will find further process fittings and options under www.vega.com/configurator.
 You will find further drawings and tables under www.vega.com/downloads.
 You will find mounting accessory, welded sockets and housing overviews in chapter "Accessory".

Scope

- A Europe
- I Worldwide

Approvals

- X without
- M Ship approval (GL; LRS; ABS)
- C ATEX II 1G, 1/2G, 2G Ex ia IIC T6
- E ATEX II 1/2G, 2G Ex d IIC T6
- C IEC Ex ia IIC T6
- O IEC Ex ia IIC T6 + Ship approval
- E IEC Ex d IIC T6

Version / Material

- K Compact version / Inconel 718
- R with tube extension / 316L and Inconel 718

Process fitting / Material

- AA Thread G1 (DIN 3852-A) PN160 / 316L
- AB Thread G1 (DIN 3852-A) PN160 / Inconel 718
- AC Thread 1NPT (ASME B1.20.1) PN100 / 316L
- AD Thread 1NPT (ASME B1.20.1) PN160 / Inconel 718
- AG Flange DN50PN40 Form C, DIN2501 / 316L
- AI Flange DN65PN40 Form C, DIN2501 / 316L
- AJ Flange DN80PN40 Form C, DIN2501 / 316L
- AK Flange DN100PN16 Form C, DIN2501 / 316L
- AL Flange DN100PN40 Form C, DIN2501/316L
- AN Flange DN125PN40 Form C, DIN2501 / 316L
- AO Flange DN150PN16 Form C, DIN2501 / 316L
- AP Flange DN150PN40 Form C, DIN2501 / 316L
- BG Flange DN50PN40 EN1092-1 Form B1 / 316L
- BE Flange DN150PN40 EN1092-1 Form B1/316L
- BC Flange 1½" 1500lb RJF, ANSI B16.5 / 316L
- AS Flange 2" 150lb RF, ANSI B16.5 / 316L
- AT Flange 2" 300lb RF, ANSI B16.5 / 316L
- AU Flange 2" 600lb RF, ANSI B16.5 / 316L
- BF Flange 2" 900lb RJF, ANSI B16.5 / 316L
- AV Flange 2½" 150lb RF, ANSI B16.5 / 316L
- AW Flange 2½" 300lb RF, ANSI B16.5 / 316L
- AY Flange 2½" 600lb RF, ANSI B16.5 / 316L
- AZ Flange 3" 150lb RF, ANSI B16.5 / 316L
- BA Flange 3" 300lb RF, ANSI B16.5 / 316L
- BB Flange 4" 300lb RF, ANSI B16.5 / 316L

Second line of defense / Process temperature

- A with / -196...450°C
- X without / -196...450°C

Electronics

- R Relay (2x SPDT) 20...72VDC/20...253VAC (5A)
- T Transistor (NPN/PNP) 9.6...55VDC
- Z Two-wire 8/16 mA 9.6...35VDC
- S Relay (2x SPDT) 20...72VDC/20...253VAC (5A) SIL
- I Transistor (NPN/PNP) 9.6...55VDC SIL
- L Two-wire 8/16 mA 9.6...35VDC SIL

Housing / Protection

- K Plastic / IP66/IP67
- A Aluminium / IP66/IP68 (0.2 bar)
- 8 Stainless steel (electropol.) 316L/IP66/IP68 (0.2bar)

Cable entry / Connection

- M M20x1.5 / Cable gland PA black
- N ½NPT / Blind plug

Certificates

- M yes (e.g. FDA; EN 10204-3.1; NACE)
- X no

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Length (from seal surface)

316L (260-3000 mm) per 100 mm



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.