



VEGAWAVE 62



Vibrating level switch with suspension cable for powders

Application area

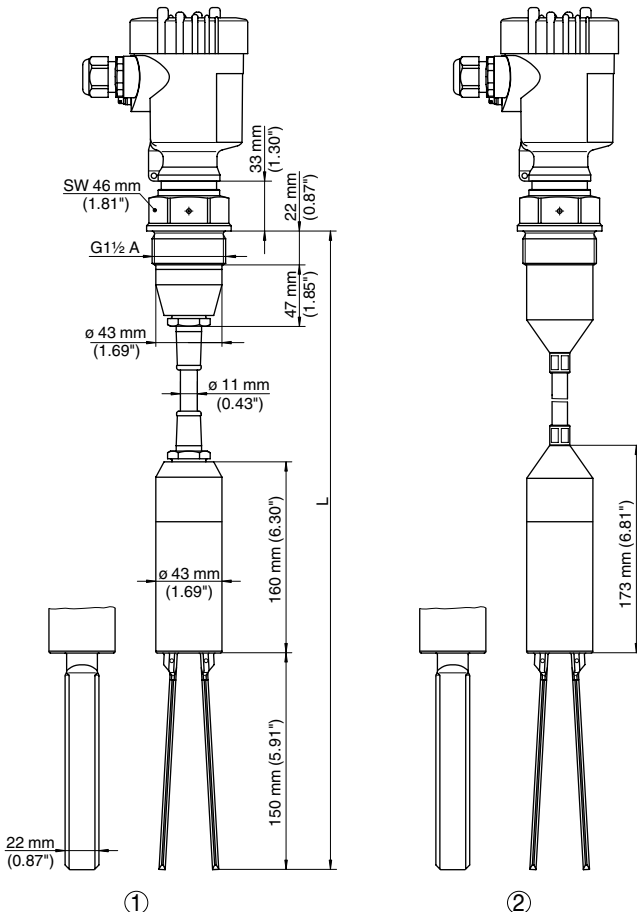
VEGAWAVE 62 is used as a level switch in powders and fine-grained bulk solids and detects reliably and accurately when the min. or max. level is reached. The rugged design withstands the toughest conditions.

Advantages

- Simple setup without adjustment
- Product-independent switching point
- Insensitive to buildup
- Wear and maintenance-free
- Robust and reliable
- SIL qualified

Function

The tuning fork of VEGAWAVE is energized via the piezo drive to vibrate at its resonance frequency. When covered with medium, the amplitude of the tuning fork is damped. This change is detected by the electronics and converted into a switching signal.



- 1 Version with PUR suspension cable
- 2 Version with FEP suspension cable

Approval

- XX** without
- CX** ATEX II 1G, 1/2G, 2G Ex ia IIC T6
- CK** ATEX II 1G, 1/2G, 2G Ex ia IIC T6+ATEX II 1/2D IP6X T
- CI** IECEx Ex ia IIC T6
- GX** ATEX II 1, 1/2, 2D Ex tD IP66 T*

Version / Process temperature

- T** Cable PUR / -20...80°C
- H** Cable FEP / -40...150°C
- C** Detection of solids in water / -20...80°C

Process fitting / Material

- GD** Thread G1½ (DIN 3852-A) PN16 / 316L
- ND** Thread 1½NPT (ASME B1.20.1) PN16 / 316L
- EF** Flange DN50PN40 Form C, DIN2501/316L
- KF** Flange DN80PN40 Form C, DIN2501/316L
- MF** Flange DN100PN16 Form C, DIN2501/316L
- HA** Flange 2"150lb RF, ANSI B16.5, 316L
- OA** Flange 3"150lb RF, ANSI B16.5/316L

Electronics

- C** Contactless electronic switch 20...253VAC/DC
- R** Relay (DPDT) 20...72VDC/20...253VAC(3A)
- T** Transistor (NPN/PNP) 10...55VDC
- Z** Two-wire 8/16 mA 10...36VDC
- N** NAMUR signal

Housing / Protection

- K** Plastic / IP66/IP67
- A** Aluminium / IP66/IP68 (0.2 bar)
- 8** StSt (electropolished) 316L / IP66/IP68 (0.2bar)

Cable entry / Cable gland / Plug connection

- M** M20x1.5 / with / without
- N** ½NPT / without / without

Additional equipment

- X** without

WE62.

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Length (from seal surface)

- PUR (480-80000 mm) per 100 mm
- FEP (480-80000 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.



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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.