



VEGACAP 62



Capacitive rod electrode for level detection

Application area

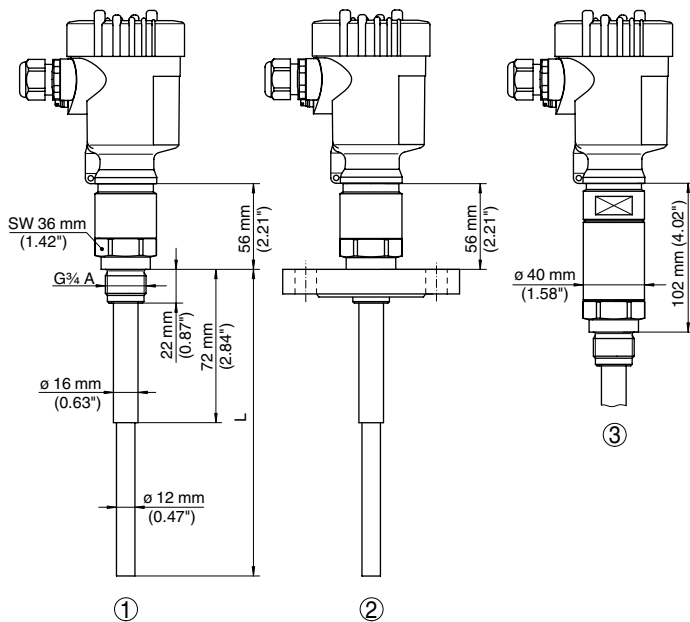
VEGACAP 62 is a level sensor for level detection in all areas of industry. Partly insulated probes such as VEGACAP 62 are preferably used in bulk solids. However, the probe can also be used in non-conductive liquids such as e.g. oil.

Advantages

Service-proven, robust and maintenance-free
High reliability
Simple mounting and setup
Probe can be shortened

Function

Sensor and vessel form the two electrodes of a capacitor. A level change causes a capacitance change which is converted into a switching signal by the connected processing electronics.



- 1 Threaded version
- 2 Flange version
- 3 Threaded version with temperature adapter 200 °C



Approval

- XX** without
- XM** Ship approval
- XA** Overfill protection according to WHG
- CX** ATEX II 1G, 1/2G, 2G Ex ia IIC T6
- CA** ATEX II 1G, 1/2G, 2G Ex ia IIC T6 + WHG
- CM** ATEX II 1G, 1/2G, 2G Ex ia IIC T6 + Ship approval
- CK** ATEX II 1, 1/2, 2G Ex ia IIC T6 + II 1/2, 2D Ex tD
- CI** Zone 0, 0/1, 1 Ex ia IIC T6
- GX** ATEX II 1/2, 2D Ex tD A20/21, A21 IP66 T... ..

Version / Process temperature

- A** Standard / -50 ... 150°C
- B** Standard / -50 ... 200°C
- C** with screening tube 316L / -50 ... 150°C
- D** with screening tube 316L / -50 ... 200°C

Process fitting / Material

- GA** Thread G $\frac{3}{4}$ (DIN 3852-A) PN64 / 316L
- NA** Thread $\frac{3}{4}$ NPT (ASME B1.20.1) PN64 / 316L
- GC** Thread G1 (DIN 3852-A) PN64 / 316L
- NC** Thread 1NPT (ASME B1.20.1) PN64/316L
- GD** Thread G1 $\frac{1}{2}$ (DIN 3852-A) PN64 / 316L
- GS** Thread G1 $\frac{1}{2}$ A (DIN 3852-A) PN64 / Steel
- ND** Thread 1 $\frac{1}{2}$ NPT (ASME B1.20.1) PN64/316L
- 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
- SA** Flange 4"150lb RF, ANSI B16.5/316L

Electronics

- C** Contactless electronic switch 20...253VAC/DC
- R** Relay (DPDT) 20...72VDC/20...250VAC (3A)
- T** Transistor (NPN/PNP) 10...55VDC
- Z** Two-wire for connection to VEGATOR

Housing / Protection

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

Cable entry / Cable gland / Plug connection

- M** M20x1.5 / with / without
- N** $\frac{1}{2}$ NPT / without / without

Additional equipment

- X** Without

CP62.

Length (from seal surface)

316L (100-6000 mm) per 100 mm

Length screening tube

316L (50-5960 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.