



VEGACAL 62



Capacitive rod electrode for continuous level measurement

Application area

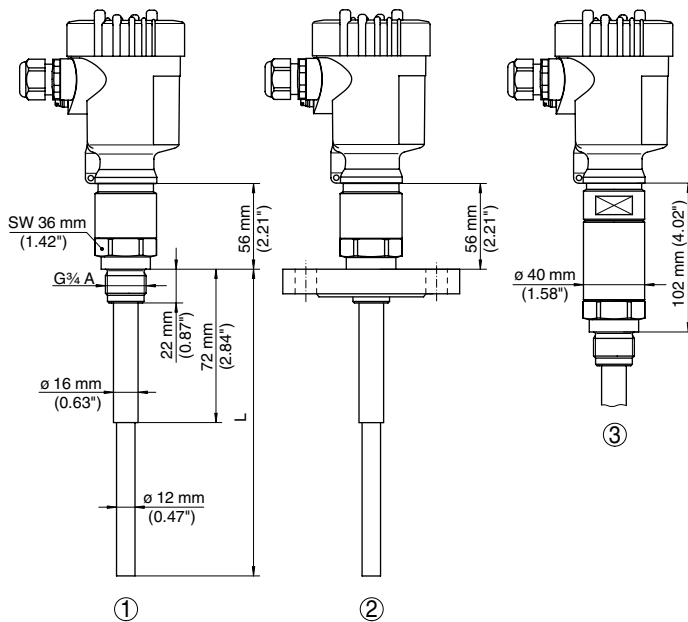
VEGACAL 62 is a level sensor for continuous level measurement in all areas of industry. Partly insulated probes such as VEGACAL 62 are preferably used in bulk solids. However, the probe can also be used in non-conductive liquids such as e.g. oil.

Advantages

- Service-proven, robust and maintenance-free
- High reliability
- Simple mounting and setup
- Measurement along the complete probe length
- 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 continuous output 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
- 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 1G,1/2G,2G Ex ia IIC T6+1/2D,2D Ex tD IP66 T
- CI** IECEx EX ia IIC T6
- DX** ATEX II 1/2G, 2G Ex d ia IIC T6
- DI** 0/1 Ex d ia IIC T6
- GX** ATEX II 1/2D, 2D Ex tD 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

- H** 4...20mA/HART®
- X** for connection to a signal conditioning instrument
- P** Profibus PA
- F** Foundation Fieldbus

Housing / Protection

- K** Plastic / IP66/IP67
- A** Aluminium / IP66/IP68 (0.2 bar)
- D** Aluminium double chamber / IP66/IP68 (0.2 bar)
- 8** StSt (electropolished) 316L / IP66/IP68 (0.2bar)
- W** StSt double chamber / IP66/IP68 (0.2bar)
- R** Plastic 2-chamber / IP66/IP67

Cable entry / Cable gland / Plug connection

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

Indicating/adjustment module (PLICSCOM)

- X** Without
- A** mounted

Additional equipment

- X** Without

CL62.									
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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.



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.