



## VEGACAP 67



### Capacitive cable electrode for level detection

#### Application area

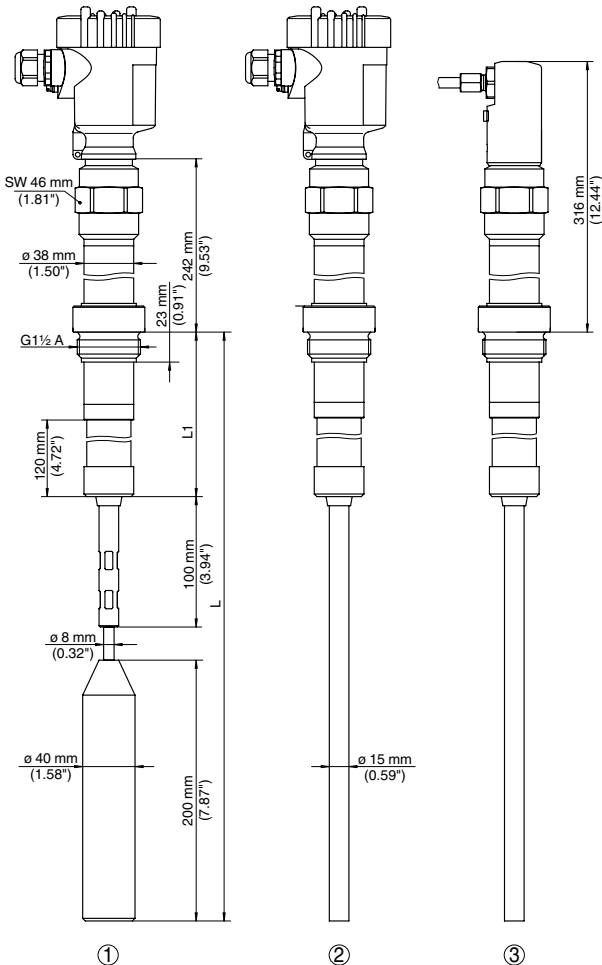
VEGACAP 67 is a level sensor for level detection in all areas of industry and is preferably used in bulk solids.

#### Advantages

- Temperature resistant up to +400 °C
- 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 Cable version 300 °C
- 2 Rod version 300 °C
- 3 Rod version 400 °C



**Approval**

XX without .....

**Version / Process temperature**

- 1 Ceramic-insulated rod probe / -50...300°C .....
- 3 Ceramic-insulated rod probe / -50...400°C .....
- 2 Ceramic-insulated cable probe / -50...300°C .....
- 4 Ceramic-insulated cable probe / -50...400°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 .....
- 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 (0.2 bar) .....
- 8 StSt (electropolished) 316L / IP66/IP68 (0.2bar) .....
- B Lateral cable outlet IP68, ext. housing plastic/IP66/67 .....

**Cable entry / Cable gland / Plug connection**

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

**Additional equipment**

- X Without .....

CP67.								
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**Length (from seal surface)**

Rod 316L (275-6000 mm) per 100 mm  
 Cable 316L (500-40000 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.