



VEGAFLEX 63



TDR sensor for continuous level measurement

Application area

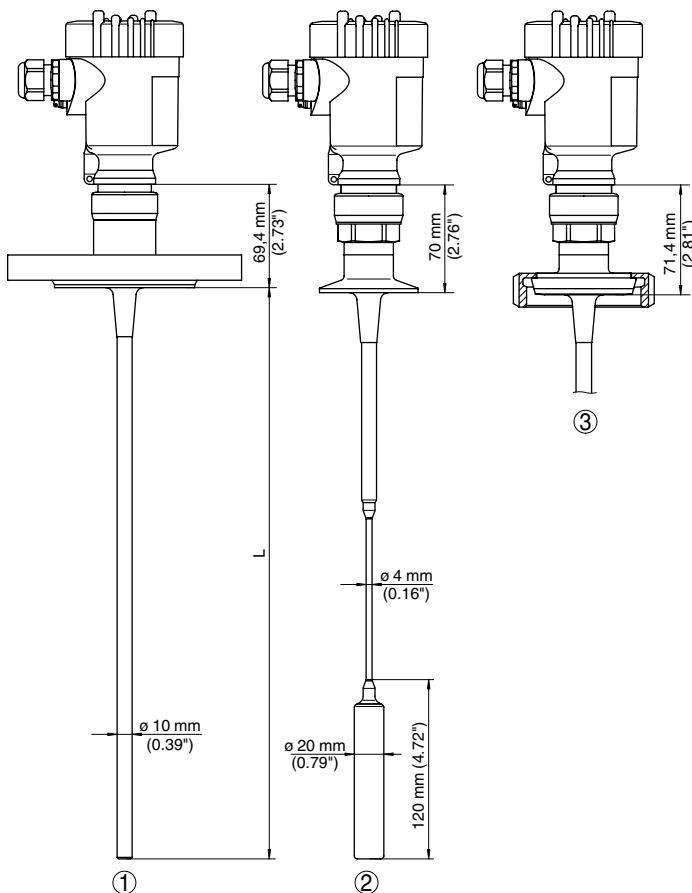
VEGAFLEX 63 is a level sensor for continuous level measurement. It is suitable for liquids in practically all areas of industry. Typical applications are measurements of aggressive and corrosive liquids as well as applications in the food processing/pharmaceutical industry. All instruments are preset to the ordered probe length.

Advantages

- Simple setup without adjustment
- Unaffected by product properties
- Insensitive against dust, vapour, buildup and condensation
- Good cleanability and maximum chemical resistance
- High measuring accuracy
- SIL qualified

Function

High frequency microwave pulses are coupled onto a cable or rod and guided along the probe. The pulses are reflected by the product surface. The time from emission to reception of the signals is proportional to the level in the vessel.



- 1 Rod version with flange connection
- 2 Cable version with Tri-Clamp
- 3 Bolting

Approval

- XX** without
- CX** ATEX II 1G, 1/2G, 2G Ex ia IIC T6
- CA** ATEX II 1G, 1/2G, 2G Ex ia IIC T6 + WHG
- CI** IEC Ex ia IIC T6
- DX** ATEX II 1/2G, 2G Ex d ia IIC T6
- DI** IEC Ex d ia IIC T6

Version / Temperature

- B** Cable ø4mm PFA insul. w. gravity weight / -40...150°C
- E** Rod ø10 mm PFA insulated / -40...150°C

Process fitting / Material

- FC** Flange DN50PN40, DIN2501 / PTFE-plated
- FD** Flange DN80PN40, DIN2501 / PTFE-plated
- FE** Flange DN100PN16, DIN2501 / PTFE-plated
- KC** Flange DN50PN40 EN1092-1 / PTFE-plated
- KD** Flange DN80PN40 EN1092-1 / PTFE-plated
- KE** Flange DN100PN16 EN1092-1 / PTFE-plated
- AE** Flange 2" 150lb RF, ANSI B16.5 / PTFE-plated
- AI** Flange 3" 150lb RF, ANSI B16.5 / PTFE-plated
- AK** Flange 4" 150lb RF, ANSI B16.5 / PTFE-plated
- CA** Tri-Clamp 2" PN16 / PTFE-TFM 1600
- CE** Tri-Clamp 3" PN10 / PTFE-TFM 1600
- CC** Tri-Clamp 4" PN6 / PTFE-TFM 1600
- RA** Bolting DN40PN40 DIN11851 / PTFE-TFM 1600
- RB** Bolting DN50PN25 DIN11851 / PTFE-TFM 1600

Electronics

- H** Two-wire 4...20mA/HART®
- V** Four-wire 4...20mA/HART®
- P** Profibus PA
- F** Foundation Fieldbus

Housing / Protection

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

Cable entry / Cable gland / Plug connection

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

Indicating/adjustment module (PLICSCOM)

- X** Without
- A** mounted

Additional equipment

- X** without



Length (from seal surface)

Cable ø4 mm/PFA insulated (1000-32000 mm) per 100 mm
 Rod ø10 mm/PFA insulated (300-4000 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.