



VEGAWELL 52



Suspension pressure transmitter for continuous level measurement of liquids

Application area

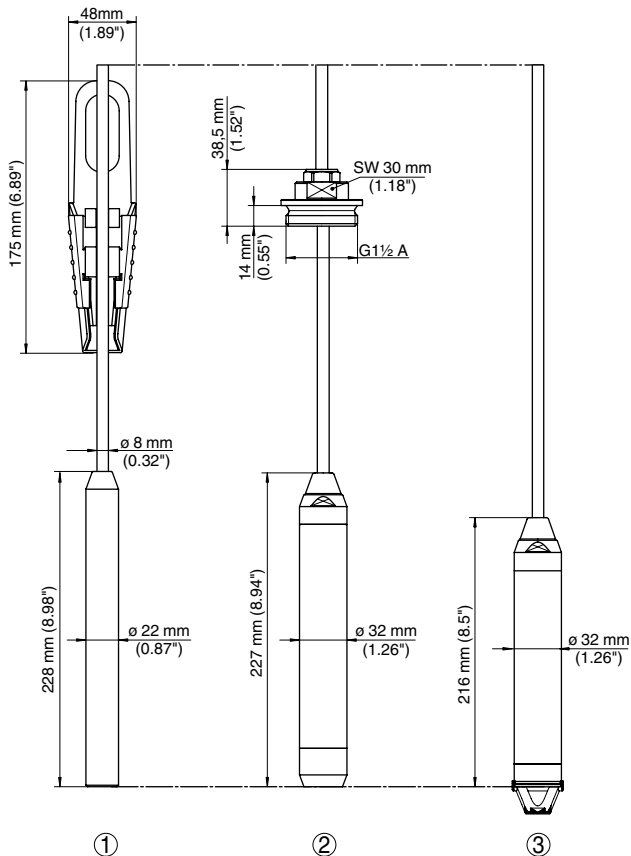
VEGAWELL 52 is suitable for continuous level measurement of liquids in water/waste water, deep wells and in the shipbuilding industry.

Advantages

Dry, ceramic-capacitive CERTEC® measuring cell
High abrasion and overload resistance
Integrated overvoltage protection
Long-term stability

Function

The ceramic CERTEC® measuring cell is the heart of VEGAWELL 52. The hydrostatic pressure of the liquid column causes a capacitance change in the measuring cell via the ceramic diaphragm. This change is converted into a standardised 4 ... 20 mA signal. The complete measuring cell consists of high purity ceramic and characterises apart from the excellent long-term stability by a very high overload resistance.



- 1 Version with straining clamp
- 2 Version with threaded fitting, unassembled $G1\frac{1}{2} A$, for deep wells
- 3 Standard version



Approval

- XX** without
- XM** Ship approval
- AX** ATEX II 1G, 2G Ex ia IIC T6
- AM** ATEX II 1G, 2G Ex ia IIC T6 + Ship approval
- AI** IEC Ex ia IIC T6

Fastening / Material

- X4** without
- A4** Straining clamp / 1.4301(304)
- GC** Threaded fitting, unassembled G1A (ISO228-1) PN3 / 316L
- GA** Threaded fitting, unassembled G1½A (ISO228-1)PN3 / 316L
- NP** Threaded fitting, unass. G1½A (ISO228-1) PN0.2 / PVDF
- GK** Thread G1½A (ISO228-1)PN3 / 316L with PBT hous.;M20x1.5
- GV** Thread G1½A(ISO228-1)PN3/316Lw.hous.StSt (prec.casting)

Version / Process temperature

- A** Suspension cable PE / -20...60°C
- D** Suspension cable PUR / -20...80°C
- B** Suspension cable FEP / -20...80°C

Length

- K** 6 m suspension cable PE
- L** 12 m suspension cable PE
- M** 27 m suspension cable PE
- T** individually selectable length (PE/PUR/FEP)

Transmitter material / Diameter

- D** Duplex 1.4462 / 32mm
- V** 316L / 22 mm
- K** Duplex 1.4462 with PE coating / 35mm
- P** PVDF / 44 mm

Seal measuring cell

- 1** FKM (VP2/A)
- 3** EPDM (A+P 75.5/KW75F)
- P** FFKM (Perlast G75S)

Measuring range

- A** rel. / 0...0.1 bar (0...10 kPa)
- B** rel. / 0...0.2 bar (0...20 kPa)
- C** rel. / 0...0.4 bar (0...40 kPa)
- D** rel. / 0...1 bar (0...100 kPa)
- E** rel. / 0...2.5 bar (0...250 kPa)
- F** rel. / 0...5 bar (0...500 kPa)
- G** rel. / 0...10 bar (0...1000 kPa)
- 2** abs. 0...2.5 bar (0...250kPa)
- 3** abs. 0...5.0 bar (0...500kPa)

Electronics

- C** 4...20mA
- D** 4...20mA/HART® + PT100 4-wire

Deviation in characteristic

- 1** 0.20 %
- 2** 0.10 %

Transmitter options

- X** without
- V** for deep wells

WL52.

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Total length in m

- PE (400-550000 mm) per 100 mm
- FEP (400-550000 mm) per 100 mm
- PUR (400-550000 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

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)330 088 0560

Fax: +44 (0)1245 808399

Email: sales@keison.co.uk

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.