



Capacitive

Overview	68
VEGACAL series 60	70



VEGACAL

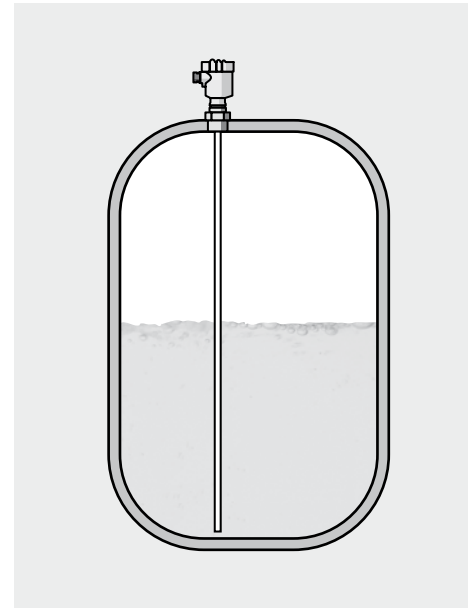
Level measurement in bulk solids and liquids

Measuring principle

Sensor and vessel form the two electrodes of a capacitor. A capacitance change caused by a level change is processed by the integrated electronics and converted into an output signal. The level measurement is carried out via the complete sensor length without a dead zone. Thanks to cable and rod versions, suitable instruments are available for all applications.

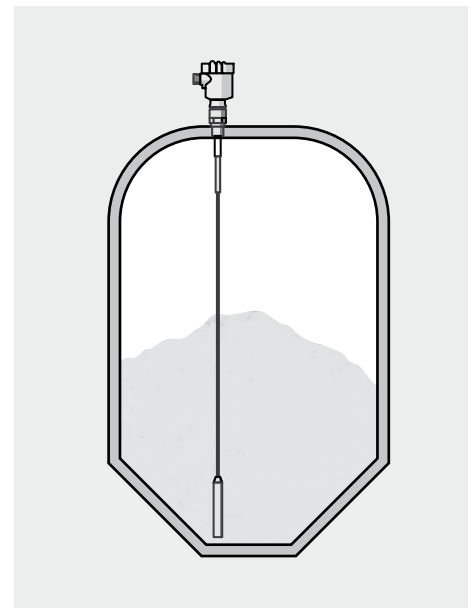
Applications in liquids

Mainly fully insulated instrument versions are used in these applications. Hence measurements of corrosive liquids or adhesive products are no problem. The mounting of the instruments is easy and the rugged construction is the basis for an interference and maintenance-free operation.



Applications in bulk solids

Partly insulated versions are preferably used in bulk solids. Also here, we have the proven, rugged configuration as basis for the manifold and reliable use, e.g. in the aggregates and mining industry.



Overview



VEGACAL 62

Application Bulk solids, non-conductive liquids
Version with partly insulated rod
Process fitting from thread G $\frac{3}{4}$ A, flange
Process temperature -50 ... +200 °C
Process pressure -1 ... +64 bar (-100 ... +6400 kPa)



VEGACAL 63

Application Conductive liquids
Version with fully insulated rod
Process fitting from thread G $\frac{3}{4}$ A, flange
Process temperature -50 ... +200 °C
Process pressure -1 ... +64 bar (-100 ... +6400 kPa)



VEGACAL 64

Application Adhesive, conductive liquids
Version with fully insulated rod
Process fitting from thread G $\frac{3}{4}$ A, flange
Process temperature -50 ... +150 °C
Process pressure -1 ... +64 bar (-100 ... +6400 kPa)



VEGACAL 65

Application Bulk solids, non-conductive liquids
Version with partly insulated cable
Process fitting from thread G1 A, flange
Process temperature -50 ... +200 °C
Process pressure -1 ... +64 bar (-100 ... +6400 kPa)



VEGACAL 66

Application Liquids, bulk solids
Version with insulated cable
Process fitting from thread G1 A, flange
Process temperature -50 ... +150 °C
Process pressure -1 ... +40 bar (-100 ... +4000 kPa)



VEGACAL 67

Application Bulk solids
Version with rod or cable
Process fitting from thread G1 $\frac{1}{2}$ A, flange
Process temperature -50 ... +400 °C
Process pressure -1 ... +16 bar (-100 ... +1600 kPa)



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.