



Capacitive

Overview	116
VEGACAP series 60	120
VEGACAP 27, 35, 98	132



VEGACAP

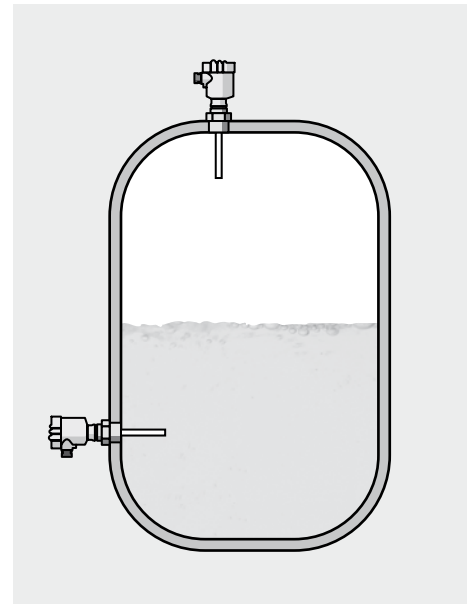
Level detection in bulk solids and liquids

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 a switching signal. The capacitive measuring principle makes no special demands to installation and mounting. Due to cable and rod versions, suitable instruments are available for all applications.

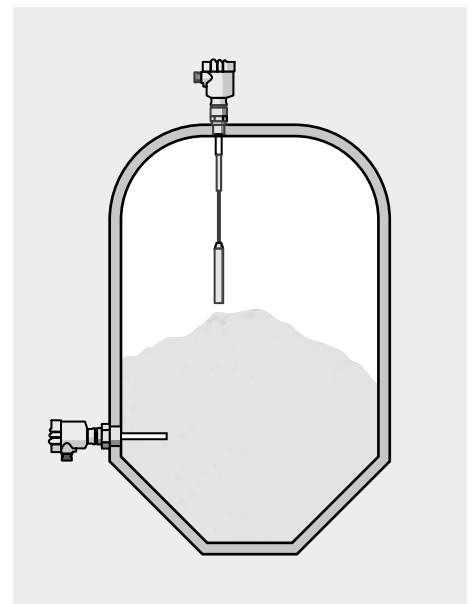
Applications in liquids

Mainly fully insulated instrument versions are used in these applications. Hence level detection 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



VEGACAP 62



VEGACAP 63



VEGACAP 64

Application

Bulk solids, non-conductive liquids

Conductive liquids

Adhesive, conductive liquids

Version

with partly insulated rod

with fully insulated rod

with fully insulated rod

Process fitting

from thread G $\frac{3}{4}$ A, flange

from thread G $\frac{3}{4}$ A, flange

from thread G $\frac{3}{4}$ A, flange

Process temperature

-50 ... +200 °C

-50 ... +200 °C

-50 ... +200 °C

Process pressure

-1 ... +64 bar
(-100 ... +6400 kPa)

-1 ... +64 bar
(-100 ... +6400 kPa)

-1 ... +64 bar
(-100 ... +6400 kPa)



VEGACAP 65



VEGACAP 66



VEGACAP 67

Application

Bulk solids, non-conductive liquids

Liquids, bulk solids

Bulk solids

Version

with cable

with insulated cable

with rod or cable

Process fitting

from thread G1 A, flange

from thread G1 A, flange

from thread G1 $\frac{1}{2}$ A, flange

Process temperature

-50 ... +200 °C

-50 ... +150 °C

-50 ... +400 °C

Process pressure

-1 ... +64 bar
(-100 ... +6400 kPa)

-1 ... +40 bar
(-100 ... +4000 kPa)

-1 ... +16 bar
(-100 ... +1600 kPa)



Overview



VEGACAP 27

VEGACAP 35

VEGACAP 98

Application

Adhesive, conductive liquids

Bulk solids

Liquids, bulk solids

Version

with fully insulated rod

with insulated cable

with fully insulated rod

Process fitting

from thread G1 A

from thread G1½ A

Thread G1½ A

Process temperature

-50 ... +200 °C

-40 ... +80 °C

-40 ... +80 °C

Process pressure

-1 ... +63 bar
(-100 ... +6300 kPa)

-1 ... +16 bar
(-100 ... +1600 kPa)

unpressurized



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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