

VEGA LEVEL MEASUREMENT

VEGA

Tuning Fork Liquid Level Switch

Features

- Low cost OEM and hygienic versions
- Extended length up to 6000mm
- Self monitoring design
- Temperature up to 450°C
- Pressure from vacuum to 160 bar
- Fitting size 3/4" BSP and flanged for 1" ANSI
- Coated and alloy versions for corrosive products
- Switching point independent of product change



Vibrating tuning fork level switches can be used on almost any liquid, from LPG to liquid chocolate. As a fail safe level switch they can be installed in any orientation, above, below or sideways even in pipeworks. Self monitoring vibrating level switches for liquids with 38mm fork design that can be extended to any length.



VEGABAR 86 - Hydrostatic Level for Liquids

Features

- Accuracy 0.1%
- Process temperature -20...100°C
- Process pressure 0...25 bar
- Measuring range distance 250m
- Self-cleaning effect through front-flush installation
- Indication, datalogging and an in-head trend display
- Suspension by cable or rigid stainless steel tube versions
- Dry, ceramic-capacitive sensor element
- High plant availability through maximum overload and vacuum resistance of the ceramic measuring cell



The VEGABAR 86 is a submersible pressure transmitter for level measurement.



Vibrating Fork Solids Level Switch

Features

- 316 stainless steel wetted parts
- Extended lengths and single rod versions available
- Optimum fork design for highest sensitivity
- Product independent switching point
- Indication of switch status on the housing
- Std length design, std temp 150°C & version up to 250°C



Vibrating level switches are used for level detection of dry, free flowing solids, across a wide density range, from fine powders to granules. The rugged design is ideal for coarse products and can be used under heavier loading conditions than a vibrating rod device. Ideal level switch for products such as grain, fine aggregates, sand and heavier powders such as cement and metal oxides.



Guided Wave Liquid Level Transmitter

Features

- Accuracy ±2mm
- Process temperature -196...450°C
- Process pressure -1...400 bar
- Measuring range distance 75m
- Simple, time-saving and reliable setup
- Maintenance free operation
- Liquid interface level in separator vessels
- No effects from condensation, foam, dust, steam, build up, or angle of surface, boiler approvals
- Cut to length probes offer simple standardisation



The VEGAFLEX 80 series is an economical solution for general liquid level and interface measurements, also with boiler approvals.



Conductive Rod for Liquids - Multipoint Switched Output

Features

- Suitable for product temperatures up to 130°C
- Operating pressure up to 63 bar
- Up to 5 rods or cable electrodes
- Cables up to 50m in length
- Rods up to 4m in length
- IP 66/67



Conductivity level switches can be side or top mounted, electrodes come in stainless steel or high resistance Hastelloy and can be cut to length by the customer on site. Systems are generally unaffected by temperature and pressure. Some have flush hygienic electrodes and they use admittance technology to ignore adhesive build up or residue. They are often used as overfill, dry run protection and pump control system in conductive liquids.



Guided Wave Solids Level Transmitter

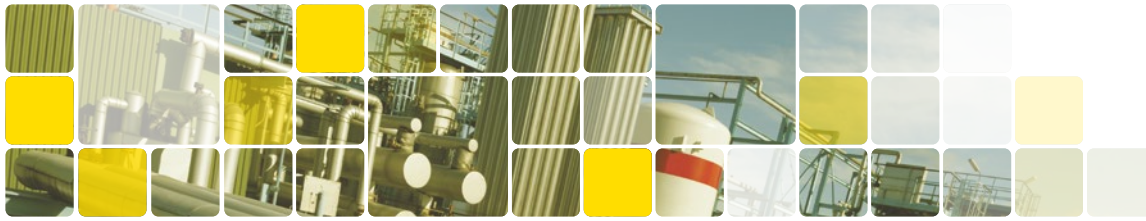
Features

- Accuracy ±2mm
- Process temperature -40...200°C
- Process pressure -1...40 bar
- Measuring range distance 75m
- Simple, time-saving and reliable setup
- Shortenable probes offer a simple standardisation
- Virtually all bulk solids can be measured with the automatic probe end tracking
- Immune to dust and vapour
- Unaffected by surface profile



The VEGAFLEX 82 level sensor is maintenance-free and measures light and heavy-weight bulk solids.





VEGA RADAR LEVEL SENSORS

VEGA

VEGAPULS WL61 - Low Cost Water Radar

Features

- Accuracy $\pm 2\text{mm}$
- Process temperature $-40...80^\circ\text{C}$
- Process pressure $-1...2\text{ bar}$
- Measuring range distance 15m
- Flow measurement for open flumes
- Flood proof IP68 rated
- Exact measuring results independent of product, process and ambient conditions
- High plant availability, because wear and maintenance-free



The VEGAPULS WL61 is the ideal radar sensor for all applications in water and waste water applications. It is particularly suitable for use in water processing, pump stations as well as overflow basins.



VEGAPULS 69 - 80GHz Solids Level Radar

Features

- Accuracy $\pm 5\text{mm}$
- Process temperature $-40...200^\circ\text{C}$
- Process pressure $-1...3\text{ bar}$
- Measuring range distance 120m
- Simple mounting options
- Encapsulated antenna
- Wear and maintenance-free
- Reliable measurement independent of vapour, dust and noise



The VEGAPULS 69 is an 80GHz radar sensor for continuous level measurement of bulk solids.



VEGAPULS 62 - 26GHz Radar Liquid Level Transmitter

Features

- Accuracy $\pm 2\text{mm}$
- Process temperature $-196...450^\circ\text{C}$
- Process pressure $-1...160\text{ bar}$
- Measuring range distance 35m
- Exact measuring results independent of pressure, temperature, gas and steam
- Maintenance-free operation
- Narrow beam angle avoids obstructions
- No abrasion, roof loading or build-up



The VEGAPULS 62 is a radar sensor suitable for level measurement in storage containers, reactors and process vessels, even under extreme temperatures, pressures and process conditions.



VEGAPULS 68 - Heavy Duty Radar for Solids

Features

- Accuracy $\pm 2\text{mm}$
- Process temperature $-196...450^\circ\text{C}$
- Process pressure $-1...160\text{ bar}$
- Measuring range distance 75m
- Wear and maintenance-free
- Reliable measurement independent of vapour, dust and noise



The VEGAPULS 68 is a radar sensor for continuous measurement of bulk solids also under difficult process conditions and with large measuring ranges. The sensor is ideal for level measurement in high silos, large bunkers, stone crushers and furnaces.



VEGAPULS 64 - 80GHz Radar for Liquid Level

Features

- Accuracy $\pm 2\text{mm}$
- Process temperature $-40...200^\circ\text{C}$
- Process pressure $-1...20\text{ bar}$
- Measuring range distance 30m
- Exact measuring results independent of process
- Wear and maintenance-free
- Narrow beam angle avoids obstructions
- Aiming swivel and a range of antennas
- Process connections from $\frac{3}{4}$ " BSP



The VEGAPULS 64 new generation liquid level transmitter. From small to very tall tanks - mounting close to vessel walls, down long nozzles and even through isolation valves.



PLICSCOM

Features

- PIN protection prevents unauthorised use
- Set up of multiple devices with one PLICSCOM is facilitated by a data copy
- Screen displays detailed trend & echo curves



Bluetooth now available:

- Ideal for use on high tanks or inaccessible areas
- Convenient, safe sensor adjustment, even in bad weather
- Adjustment with PC, smartphone or tablet

PLICSCOM is used both to set up and operate plics® instruments, as well as display their readings. It is compatible with all housings and measuring principles.

