

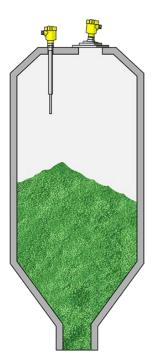


Reliable

Reliable measurement, independent of media properties and container geometry

Cost effective Maintenance-free operation

User friendly Universally applicable for almost all bulk solids



Silos for bulk solids

Level measurement and point level detection in silos

In the chemical industry, many different kinds of bulk solids are produced or used as raw materials. To ensure reliable measurement of silo contents, many factors must be considered: different bulk densities, abrasive properties, dust generation and the requirements of explosion protection. Implementation of the most suitable level sensors ensures optimal production planning and reliable logistics for the finished products.

More details



VEGAPULS 6X

Non-contact radar level measurement in bulk solids silos

- Reliable measurement even with large amounts of dust and filling noise
- Suitable even for high, narrow silos or segmented containers, thanks to good signal focusing
- Can be used in media of differing consistency and in different measuring ranges
- Simple installation and calibration, even on filled silos

Show Product

VEGAVIB 63

Point level detection with vibrating level switches in bulk solids silos

- Universally applicable for all granulated bulk solids
- Wear and maintenance-free measurement
- Simple, adjustment-free setup and commissioning

Show Product



| PRO | PRO |
|---|--|
| VEGAPULS 6X Show Product | VEGAVIB 63 Show Product |
| | |
| Measuring range - Distance 120 m | Process temperature -50 250 °C |
| Process temperature -196 450 °C | Process pressure -1 16 bar Version Detection of solids in water with tube extension Materials, wetted parts 316L Threaded connection \geq G1, \geq 1 NPT |
| Process pressure -1 160 bar | |
| Accuracy ± 1 mm | |
| Frequency 6 GHz 26 GHz 80 GHz | |
| Beam angle ≥ 3° | Flange connection ≥ DN 32, ≥ 1½" |
| Materials, wetted parts PTFE PVDF 316L PP PEEK | Hygenic fittings Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Slotted nut ≥ 2", DN50 - DIN 11851 Varivent ≥ DN32 hygienic fitting with tension flange DN32 hygienic fitting F40 with compression nut Hygienic screw connections ≥ DN50 tube ø53 - DIN11864-1-A Clamp ≥ 3½", DN80 - DIN32676, ISO2852 Slotted nut ≥ 3", DN65 - DIN 11851 Hyg. collar clamp adapter DN40PN40 DIN11864-3-A |
| Threaded connection ≥ G¾, ≥ ¾ NPT | |
| Flange connection ≥ DN20, ≥ ¾" | Seal material |
| Hygenic fittings Clamp ≥ $1/2^{"}$ - DIN32676, ISO2852 Slotted nut ≥ 2", DN50 - DIN 11851 Varivent ≥ DN25 hygienic fitting with tension flange DN32 hygienic fitting F40 with compression nut Hygienic screw connections ≥ DN50 tube ø53 - DIN11864-1-A Hygienic clamp connection ≥ DN50 DIN11864-2 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-3-A DRD connection ø 65 mm SMS 1145 DN51 | no media contact Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished) Protection rating IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar) |

