



## Truck loading

- Reliable
- Reliable measurement under tough operating conditions
- Cost effective
- Optimal filling of silo vehicles
- User friendly
- Simple setup and commissioning

### Point level detection during the loading of trucks

Dust-free, closed loading systems are needed for fine aggregates and finished products such as cement. Automated loading of trucks is preferred in the industry and, while the load quantity is determined with a weighing system, it must be ensured that the truck is in the correct place and not overfilled. Reliable point level detection and vehicle positioning shortens loading times, increases throughput and improves the efficiency of the entire system.



### VEGAWAVE 61

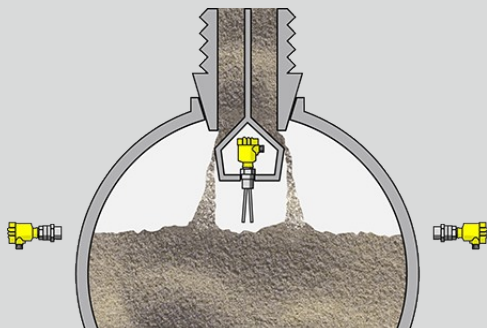
Overfill protection with vibrating level switch

- Reliable operation even in extremely dusty environment
- Independent of the properties of the bulk solid materials and the bulk density
- Long service life thanks to robust sensor design

### VEGAMIP 61

Position detection of vehicles with radar

- Reliable position detection in all weather conditions
- Fast and precise detection of a vehicle's position
- Maintenance-free operation thanks to non-contact measuring method





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VEGAWAVE 61	VEGAMIP 61
Measuring range - Distance -	Measuring range - Distance 100 m
Process temperature -50 ... 250 °C	Process temperature -40 ... 80 °C
Process pressure -1 ... 25 bar	Process pressure -1 ... 4 bar
Version Standard Detection of solids in water with temperature adapter	Version hygienically encapsulated horn antenna for separate horn antenna with horn antenna ø 40 mm with horn antenna ø 48 mm with horn antenna ø 75 mm with horn antenna ø 95 mm with plastic horn antenna ø 80 mm Horn antenna ø 1 1/2" with encapsulated horn antenna
Materials, wetted parts 316L	Materials, wetted parts PTFE 316L 1.4848 PP
Threaded connection ≥ G1 1/2, ≥ 1 1/2 NPT	Threaded connection ≥ G1 1/2, ≥ 1 1/2 NPT
Flange connection ≥ DN50, ≥ 2"	Flange connection ≥ DN50, ≥ 2"
Hygienic fittings Clamp ≥ 2", DN50 - DIN32676, ISO2852	Hygienic fittings Slotted nut ≥ 2", DN50 - DIN 11851 Varivent ≥ DN25 DRD connection ø 65 mm for NEUMO BioControl D50 PN16 / 316L
Seal material no media contact	Seal material FKM FFKM
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)