



#### Reliable

Reliable measurement under tough operating conditions

#### Cost effective

Optimal filling of silo vehicles

#### User friendly

Simple setup and commissioning

## Truck loading

### 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.

[More details](#)



#### 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

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#### 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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PRO

PRO

**VEGAWAVE 61**  
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**Measuring range - Distance**

-

**Process temperature**

-50 ... 250 °C

**Process pressure**

-1 ... 25 bar

**Version**

Standard  
 Detection of solids in water  
 with temperature adapter

**Materials, wetted parts**

316L

**Threaded connection**

≥ G1½, ≥ 1½ NPT

**Flange connection**

≥ DN50, ≥ 2"

**Hygienic fittings**

Clamp ≥ 2", DN50 - DIN32676, ISO2852

**Seal material**

no media contact

**Housing material**

Plastic  
 Aluminium  
 Stainless steel (precision casting)  
 Stainless steel (electropolished)

**VEGAMIP 61**  
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**Measuring range - Distance**

100 m

**Process temperature**

-40 ... 80 °C

**Process pressure**

-1 ... 4 bar

**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 1½"  
 with encapsulated horn antenna

**Materials, wetted parts**

PTFE  
 316L  
 1.4848  
 PP

**Threaded connection**

G1½, 1½ NPT

**Flange connection**

≥ DN50, ≥ 2"

**Hygienic fittings**

Slotted nut ≥ 2", DN50 - DIN 11851  
 Varivent ≥ DN25  
 DRD connection ø 65 mm  
 for NEUMO BioControl D50 PN16 / 316L

**Seal material**

FKM  
 FFKM

**Housing material**

Plastic  
 Aluminium  
 Stainless steel (precision casting)  
 Stainless steel (electropolished)