

Reliable

Long measurement sensor lifespan because no contact with medium

Cost effective Wear and maintenance-free

User friendly Easy installation and setup

Coke silo

Level measurement and point level detection in coke silos

Coke is often stored in very tall silos. Coke product is also susceptible to plugging the chute as the vessel empties. To accurately measure and monitor the level in these silos, especially during fill/empty stages, the instrumentation must be able to perform reliably, even under these conditions.

More details





VEGAPULS 6X

Radar sensor for continuous level measurement in coke silos

- Reliable measurement unaffected by buildup
- Radar principle is unaffected by temperature, gas and dust
- Non-contact measurement is wear and maintenance-free

Show Product

VEGAMIP 61

Microwave barrier system for plugged chute detection of coke silo

- Non-contact measurement ensures maintenance-free service in abrasive media
- Reliable measurement, immune to dust and buildup
- Simple adjustment saves time and costs for setup

Show Product



| VEGAPULS 6X | VEGAMIP 61 |
|---|--|
| | |
| Show Product | Show Product |
| | |
| Measuring range - Distance | Measuring range - Distance |
| 120 m | 100 m |
| Process temperature | Process temperature |
| -196 450 °C | -40 80 °C |
| Process pressure | Process pressure |
| -1 160 bar | -1 4 bar |
| Accuracy | Version |
| ± 1 mm | hygienically encapsulated horn antenna |
| Frequency | for separate horn antenna |
| 6 GHz | with horn antenna ø 40 mm |
| 26 GHz | with horn antenna ø 48 mm with horn antenna ø 75 mm |
| 80 GHz | with horn antenna Ø 75 mm |
| | with plastic horn antenna ø 80 mm |
| Beam angle | Horn antenna ø 1½" |
| ≥ 3° | with encapsulated horn antenna |
| Materials, wetted parts | Materials, wetted parts |
| PTFE | PTFE |
| PVDF | 316L |
| 316L | 1.4848 |
| PP | PP |
| PEEK | Thursda di su un stiller |
| Threaded connection | Threaded connection |
| ≥ G¾, ≥¾ NPT | G1½, 1½ NPT |
| | Flange connection |
| Flange connection | ≥ DN50, ≥ 2" |
| ≥ DN20, ≥ ¾" | Hygenic fittings |
| Hygenic fittings | Slotted nut ≥ 2", DN50 - DIN 11851 |
| Clamp ≥ 1½" - DIN32676, ISO2852 | Varivent ≥ DN25 |
| Slotted nut ≥ 2", DN50 - DIN 11851 | DRD connection ø 65 mm |
| Varivent ≥ DN25 | for NEUMO BioControl D50 PN16 / 316L |
| hygienic fitting with tension flange DN32 | |
| hygienic fitting F40 with compression nut | Seal material |
| Hygienic screw connections ≥ DN50 tube ø53 - | FKM |
| | FFKM |
| Hygienice flange connection ≥ DN50 DIN11864-2 | Housing material |
| Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864- | Housing material |
| 3-A | Plastic |
| DRD connection Ø 65 mm | Aluminium Stainloss steel (precision casting) |
| SMS 1145 DN51 | Stainless steel (precision casting) Stainless steel (electropolished) |

