

#### 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)

