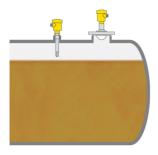


Reliable

Reliable measurement under all operating conditions

Cost effective Optimal storage

User friendly Maintenance-free operation



Tank for liquid fuels

Level measurement and point level detection in tanks for liquid fuels

Large amounts of energy are needed to burn clinker in rotary kilns. Substitute liquid fuels such as spent oils or recovered solvents are often used for this purpose. The fuel storage tanks often contain a mixture of solvents, which can produce fumes and vapours in the air space. Due to the large amount of energy needed in cement production, the fuel inputs represent a significant cost factor, so accurate level measurement is essential.

More details



VEGAPULS 6X

Level measurement with radar in tanks for liquid fuels

- Good focusing means reliable measurement right down to the bottom, thanks to 80 GHz technology
- · Reliable measurement, independent of product properties
- · Simple installation in small mounting sockets allows universal use

Show Product

VEGASWING 63

Vibrating level switch for protection against overfilling in liquid fuel tanks

- Accurate and reliable function through product-independent switching Point
- Reliable point level detection in compliance with SIL2 and WHG
- Adjustment-free setup and maintenance-free operation

Show Product



VEGAPULS 6X Show Product	VEGASWING 63 Show Product
Measuring range - Distance 120 m	Process temperature -50 250 °C
Process temperature -196 450 °C	Process pressure -1 64 bar
Process pressure -1 160 bar	Version Standard Hygienic applications
Accuracy ± 1 mm	with gas-tight leadthrough with tube extension with temperature adapter
Frequency 6 GHz 26 GHz 80 GHz	Materials, wetted parts PFA 316L
Beam angle ≥ 3°	Alloy C22 (2.4602) Alloy 400 (2.4360) ECTFE Enamel
Materials, wetted parts PTFE PVDF 316L	Threaded connection ≥ G ³ 4, ≥ ³ 4 NPT
PP PEEK	Flange connection ≥ DN25, ≥ 1"
Threaded connection ≥ G¾, ≥ ⅔ NPT	Hygenic fittings Clamp ≥ 1" - DIN32676, ISO2852
Flange connection ≥ DN20, ≥ ¾"	Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Varivent ≥ DN25 hygienic fitting F40 with compression nut
Hygenic fittings Clamp ≥ $1\frac{1}{2}$ " - DIN32676, ISO2852 Slotted nut ≥ 2", DN50 - DIN 11851 Varivent ≥ DN25 hygienic fitting with tension flange DN32 hygienic fitting F40 with compression nut	SMS 1145 DN51 SMS DN38 Hygienic fittings ≥ DN25 - DIN11864-1-A Hygienic flange connection DIN11864-2-A; DN60(ISO)ø60,3 SMS socket piece DN38 PN6
Hygienic screw connections ≥ DN50 tube ø53 - DIN11864-1-A	Seal material no media contact
Hygienice flange connection ≥ DN50 DIN11864-2 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864- 3-A DRD connection Ø 65 mm SMS 1145 DN51	Housing material Plastic Aluminium Stainless steel (precision casting)

IP66/IP67 IP66/IP68 (1 bar) IP65

