

Reliable

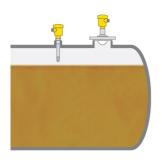
Reliable measurement under all operating conditions

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





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



Measuring range - Distance

120 m

Process temperature

-196 ... 450 °C

Process pressure

-1 ... 160 bar

Accuracy

± 1 mm

Frequency

6 GHz 26 GHz

80 GHz

Beam angle

≥ 3°

Materials, wetted parts

PTFE

PVDF

316L PP PEEK

Thursday a

Threaded connection

 \geq G³/₄, \geq ³/₄ NPT

Flange connection

≥ DN20, ≥ ¾"

Hygenic fittings

Clamp $\geq 1\frac{1}{2}$ " - DIN32676, ISO2852

Slotted nut ≥ 2", DN50 - DIN 11851

Varivent ≥ DN25

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

Hygienic screw connections ≥ DN50 tube ø53 -

DIN11864-1-A

Hygienice flange connection ≥ DN50 DIN11864-2

Hygienic clamp connection \geq DN50 pipe Ø53 - DIN11864-

3-A

DRD connection ø 65 mm

SMS 1145 DN51

VEGASWING 63

Show Product



Process temperature

-50 ... 250 °C

Process pressure

-1 ... 64 bar

Version

Standard

Hygienic applications

with gas-tight leadthrough

with tube extension

with temperature adapter

Materials, wetted parts

PFA

316L

Alloy C22 (2.4602)

Alloy 400 (2.4360)

ECTFE

Enamel

Threaded connection

≥ G¾, ≥ ¾ NPT

Flange connection

≥ DN25, ≥ 1"

Hygenic fittings

Clamp ≥ 1" - DIN32676, ISO2852

Slotted nut $\geq 1\frac{1}{2}$ ", \geq DN40 - DIN 11851

Varivent ≥ DN25

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

Seal material

no media contact

Housing material

Plastic

Aluminium

Stainless steel (precision casting)

Stainless steel (electropolished)

Protection rating

IP66/IP67

IP66/IP68 (1 bar)

IP65

