

Reliable

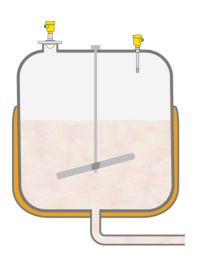
Certified materials according to FDA and EC 1935/2004 regulations

Cost effective

plics® concept ensures short delivery times

User friendly

Standardised operation of all instruments thanks to plics® concept



Stirring and batching tank for yoghurt

Level measurement and point level detection in stirred batching tank for fruit yoghurt

The milk lactose is converted to lactic acid under controlled heating in stirring and batching tanks. This process thickens the milk to yoghurt and gives it its sourish taste. The resulting product is then cooled down. In further processing into a fruit based yoghurt, berries, nuts or grains are added and stirred in. The level and point level detection must be reliably detected to enable optimal filling of the vessel.

More details



VEGAPULS 6X

Level measurement with radar in yoghurt stirring and batching tank

- Non-contact tight focused measurement, unaffected by agitators
- Flange with encapsulated antenna system allows optimal CIP and SIP cleaning
- Reliable volume measurement, independent of changing medium density





VEGASWING 63

Vibrating level switch as overfill protection in stirring and batching tank

- Product-independent switching point enables accurate and reliable control
- Stainless steel tuning fork unaffected by cleaning processes, abrasion and buildup

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

