



Reliable

Certified materials according to FDA and EC 1935/2004 regulations

Cost effective

plics® concept ensures short delivery times

User friendly

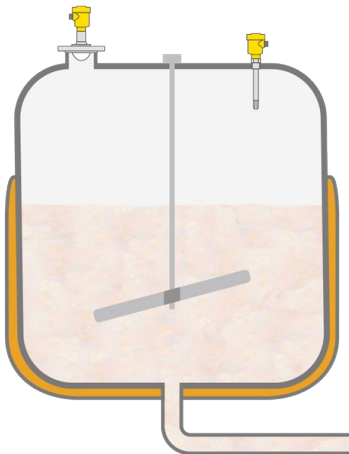
Standardised operation of all instruments thanks to plics® concept

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

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VEGASWING 63

Vibrating level switch as overflow 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

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PRO

VEGAPULS 6X

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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

Threaded connection
≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ NPT

Flange connection
≥ DN20, ≥ $\frac{3}{4}$ "

Hygienic 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
Hygienic screw connections ≥ DN50 tube ø53 - DIN11864-1-A
Hygienic flange connection ≥ DN50 DIN11864-2
Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-3-A
DRD connection ø 65 mm
SMS 1145 DN51

PRO

VEGASWING 63

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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
≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ NPT

Flange connection
≥ DN25, ≥ 1"

Hygienic fittings
Clamp ≥ 1" - DIN32676, ISO2852
Slotted nut ≥ 1 $\frac{1}{2}$ ", ≥ 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