



#### Reliable

Certified materials according to FDA and EC 1935/2004 regulations

#### Cost effective

plics® concept ensures short delivery times

#### User friendly

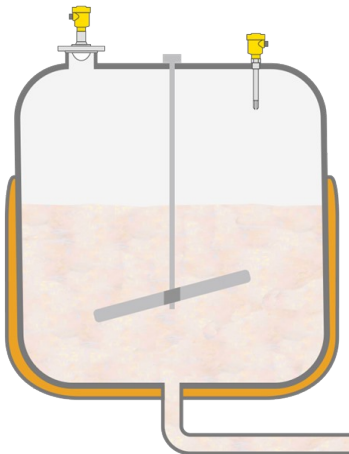
Standardised operation of all instruments thanks to plics® concept

## 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   | PRO  |
|---|--|
| <b>VEGAPULS 6X</b><br><a href="#">Show Product</a>  | <b>VEGASWING 63</b><br><a href="#">Show Product</a>  |
|    |   |
| <b>Measuring range - Distance</b><br>120 m  | <b>Process temperature</b><br>-50 ... 250 °C   |
| <b>Process temperature</b><br>-196 ... 450 °C   | <b>Process pressure</b><br>-1 ... 64 bar   |
| <b>Process pressure</b><br>-1 ... 160 bar   | <b>Version</b><br>Standard<br>Hygienic applications<br>with gas-tight leadthrough<br>with tube extension<br>with temperature adapter   |
| <b>Accuracy</b><br>± 1 mm   | <b>Materials, wetted parts</b><br>PFA<br>316L<br>Alloy C22 (2.4602)<br>Alloy 400 (2.4360)<br>ECTFE<br>Enamel   |
| <b>Frequency</b><br>6 GHz<br>26 GHz<br>80 GHz   | <b>Threaded connection</b><br>≥ G¾, ≥ ¾ NPT  |
| <b>Beam angle</b><br>≥ 3°   | <b>Flange connection</b><br>≥ DN25, ≥ 1"   |
| <b>Materials, wetted parts</b><br>PTFE<br>PVDF<br>316L<br>PP<br>PEEK  | <b>Hygienic fittings</b><br>Clamp ≥ 1" - DIN32676, ISO2852<br>Slotted nut ≥ 1½", ≥ DN40 - DIN 11851<br>Varivent ≥ DN25<br>hygienic fitting F40 with compression nut<br>SMS 1145 DN51<br>SMS DN38<br>Hygienic fittings ≥ DN25 - DIN11864-1-A<br>Hygienic flange connection DIN11864-2-A;<br>DN60(ISO)ø60,3<br>SMS socket piece DN38 PN6 |
| <b>Threaded connection</b><br>≥ G¾, ≥ ¾ NPT   | <b>Seal material</b><br>no media contact   |
| <b>Flange connection</b><br>≥ DN20, ≥ ¾"  | <b>Housing material</b><br>Plastic<br>Aluminium<br>Stainless steel (precision casting)<br>Stainless steel (electropolished)  |
| <b>Hygienic fittings</b><br>Clamp ≥ 1½" - DIN32676, ISO2852<br>Slotted nut ≥ 2", DN50 - DIN 11851<br>Varivent ≥ DN25<br>hygienic fitting with tension flange DN32<br>hygienic fitting F40 with compression nut<br>Hygienic screw connections ≥ DN50 tube ø53 -<br>DIN11864-1-A<br>Hygienic flange connection ≥ DN50 DIN11864-2<br>Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-3-A<br>DRD connection ø 65 mm<br>SMS 1145 DN51 | <b>Protection rating</b><br>IP66/IP67<br>IP66/IP68 (1 bar)<br>IP65   |