



Reliable

Certified hygienic design (3A/EHEDG) and approved materials according to EC 1935/2004 and FDA

Cost effective

Certified hygienic design of the sensors reduces cleaning time

User friendly

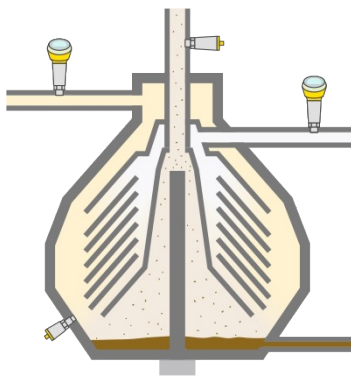
Simple connection via standardised IO-Link

Separator

Pressure and level measurement in the separator

After the raw milk has been heat treated, it is cleaned in the separator and separated into the components cream and skimmed milk. The raw milk and cream are brought back together again in mixtures that depend on the desired fat content. To ensure a continuous supply of raw milk to the separator, the pressure in the raw milk supply line is monitored. The pressure in the skimmed milk and cream outlets is also regulated to ensure uniformity and standardisation. A point level detection system monitors the separated solid particles, such as the dirt or bacteria that settle to the bottom of the separator, and controls the cleaning processes.

[More details](#)



VEGABAR 29

Pressure transmitter with I/O link connection for pressure monitoring in the raw milk inlet

- Good cleanability thanks to hygienic design
- Accurate process control thanks to fast response time
- Compact design facilitates installation

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VEGABAR 39

Pressure transmitter with IO-Link connection for pressure monitoring in the outlets to the skimmed milk and cream pipelines

- Compact design for easy integration
- Easy-to-read display with VDMA menu structure
- Accurate process control thanks to fast response time
- Good cleanability thanks to hygienic design

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VEGAPOINT 24


Capacitive level switch with IO-Link connection for level monitoring for solids discharge

- Reliable switching point, non-sensitive to buildup and foam
- Good cleanability thanks to hygienic design
- 360° display of the switching status

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| BASIC |
|--|
| VEGABAR 29 Show Product |
|  |
| Measuring range - Pressure -1 ... 1000 bar |
| Process temperature -40 ... 130 °C |
| Accuracy 0.3 % |
| Materials, wetted parts 316L |
| Threaded connection ≥ G $\frac{1}{4}$, ≥ $\frac{1}{4}$ NPT |
| Hygienic fittings Clamp ≥ 2", DN50 - DIN32676, ISO2852 Clamp ≥ 1" - DIN32676, ISO2852 Clamp ≥ 1½" - DIN32676, ISO2852 Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Slotted nut ≥ DN25 - DIN 11851 SMS 1145 DN51 SMS DN38 Hygienic fittings ≥ DN25 - DIN11864-1-A Hygienic fittings ≥ DN40 - DIN11864-1-A Varivent N50-40 SMS DN25 Ingold connection PN10 Varivent F25 |
| Protection rating IP65 IP68 (0,5 bar)/IP69 |
| Output 4 ... 20 mA Three-wire (PNP/NPN, 4 ... 20 mA) IO-Link |
| Ambient temperature -40 ... 70 °C |

| BASIC |
|---|
| VEGABAR 39 Show Product |
|  |
| Measuring range - Pressure -1 ... 1000 bar |
| Process temperature -40 ... 130 °C |
| Accuracy 0.3 % |
| Materials, wetted parts 316L |
| Threaded connection ≥ G $\frac{1}{4}$, ≥ $\frac{1}{4}$ NPT |
| Hygienic fittings Clamp ≥ 2", DN50 - DIN32676, ISO2852 Clamp ≥ 1" - DIN32676, ISO2852 Clamp ≥ 1½" - DIN32676, ISO2852 Slotted nut ≥ DN25 - DIN 11851 Slotted nut ≥ DN32 - DIN 11851 SMS 1145 DN51 SMS DN38 Hygienic fittings ≥ DN25 - DIN11864-1-A Hygienic fittings ≥ DN40 - DIN11864-1-A Varivent N50-40 SMS DN25 Ingold connection PN10 Varivent F25 |
| Housing material Plastic |
| Protection rating IP66/IP67 |
| Output 4 ... 20 mA Three-wire (PNP/NPN, 4 ... 20 mA) IO-Link |
| Ambient temperature -40 ... 70 °C |

| BASIC |
|---|
| VEGAPOINT 24 Show Product |
|  |
| Measuring range - Distance - |
| Process temperature -40 ... 115 °C |
| Process pressure -1 ... 64 bar |
| Materials, wetted parts 316L PEEK |
| Threaded connection G $\frac{1}{2}$ |
| Hygienic fittings Clamp ≥ 2", DN50 - DIN32676, ISO2852 Clamp ≥ 1" - DIN32676, ISO2852 Clamp ≥ 1½" - DIN32676, ISO2852 |
| Protection rating IP66/IP67 IP69 |
| Output Transistor (NPN/PNP) IO-Link |
| Ambient temperature -40 ... 70 °C |