



Reliable

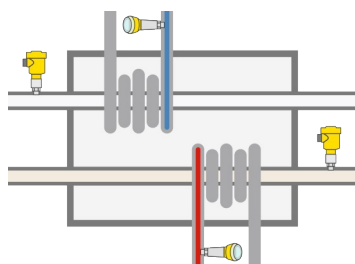
Reliable separation of media streams

Cost effective

Energy savings thanks to heat recovery through reliable measurement

User friendly

Simple connection via standardised IO-Link



Heat exchanger

Pressure measurement during pasteurisation in the heat exchanger

In a plate heat exchanger, the milk is heated up to +85 °C, depending on the process, so that all germs are killed. The milk is heated in multiple sections, kept hot and cooled down again by cold, inflowing milk. This in turn warms up the inflowing milk. Reliable pressure measurement is required to maintain an optimal process in the heat exchanger.

[More details](#)



VEGABAR 83

Pressure transmitter for pressure monitoring in the raw milk and pasteurised milk pipelines

- Robust measuring cell guarantees long-term stability
- Suitable for CIP cleaning processes, temperature resistant up to +150 °C
- Bluetooth communication for easy diagnosis

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VEGABAR 38

Pressure sensor with I/O link connection for pressure monitoring in the feed line for the cooling medium

- Simple operation thanks to VDMA menu structure and integrated display
- Ceramic CERTEC® measuring cell is totally resistant to cooling water
- Thanks to the 360° status display, the different operating statuses can be clearly recognised

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VEGABAR 39

Pressure sensor with I/O-Link connection for pressure monitoring in the feed line for the heating medium.

- Reliable measurement thanks to fast response time
- Simple operation thanks to VDMA menu structure and integrated display
- Bluetooth communication for easy diagnosis

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PRO	BASIC	BASIC
VEGABAR 83 Show Product	VEGABAR 38 Show Product	VEGABAR 39 Show Product
		
Measuring range - Distance -	Measuring range - Pressure -1 ... 60 bar	Measuring range - Pressure -1 ... 1000 bar
Measuring range - Pressure -1 ... 1000 bar	Process temperature -40 ... 130 °C	Process temperature -40 ... 130 °C
Process temperature -40 ... 200 °C	Accuracy 0.3 %	Accuracy 0.3 %
Process pressure -1 ... 1000 bar	Materials, wetted parts PVDF 316L Duplex (1.4462) Ceramic	Materials, wetted parts 316L
Accuracy 0.075 %	Threaded connection ≥ G¾, ≥ ¼ NPT	Threaded connection ≥ G¾, ≥ ¼ NPT
Materials, wetted parts 316L Alloy C22 (2.4602) 316Ti (1.4571) Alloy C4 (2.4610)	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 DN38 Hygienic fittings ≥ DN25 - DIN11864-1-A Hygienic fittings ≥ DN40 - DIN11864-1-A Varivent N50-40 SMS DN25 Ingold connection PN10 Varivent F25	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
Threaded connection ≥ G½, ≥ ½ NPT	Seal material EPDM FKM FFKM	Housing material Plastic
Flange connection ≥ DN25, ≥ 1"	Housing material Plastic	Protection rating IP66/IP67
Hygienic fittings Slotted nut ≥ DN25 - DIN 11851 Varivent ≥ DN25 hygienic fitting with tension flange DN32 Hygienice flange connection ≥ DN50 DIN11864-2 SMS 1145 DN51 SMS DN38 Hygienic fittings ≥ DN33 - DIN11864-1-A Hyg. collar clamp adapter DN40PN40 DIN11864-3-A Hyg. clamp connection DIN11864-3-A; DN50 Rohr ø53 Swagelok VCR screwing Varivent G125	Protection rating IP66/IP67 IP65	Output 4 ... 20 mA Three-wire (PNP/NPN, 4 ... 20 mA) IO-Link
Seal material no media contact	Output 4 ... 20 mA Three-wire (PNP/NPN, 4 ... 20 mA) IO-Link	Ambient temperature -40 ... 70 °C