



Reliable

Temperature fluctuations don't affect this robust measurement technology

Cost effective

Optimise energy and usage of cooling water and hot water

User friendly

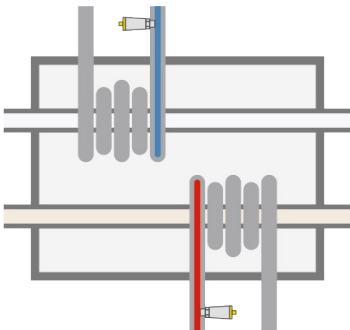
Simple connection via standardised IO-Link

Preheater

Pressure measurement in the preheater

After the raw milk has been delivered and stored, it is first preheated to approx. +55 °C in the preheater before being passed on for separation. To ensure an optimal heating process, both the cool and hot water need to be monitored by a reliable pressure measuring system.

[More details](#)



VEGABAR 28

Pressure sensor for pressure monitoring in the cooling medium pipeline

- Reliable measurement, even with the formation of condensation, thanks to encapsulated measuring cell
- Ceramic CERTEC® measuring cell is compatible with both cooling water and hot water
- IO-Link connection for simple integration

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VEGABAR 29

Pressure sensor with IO link connection for pressure monitoring of the hot water pipeline

- Reliable measurement even at high temperatures thanks to metallic measuring cell
- Bluetooth communication for easy diagnosis
- Dependable measurement thanks to fast response time

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BASIC
VEGABAR 28 Show Product

Measuring range - Pressure -1 ... 60 bar
Process temperature -40 ... 130 °C
Accuracy 0.3 %
Materials, wetted parts PVDF Duplex (1.4462) Ceramic 316/316L
Threaded connection ≥ G½, ≥ ½ 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
Seal material EPDM FKM FFKM
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 29 Show Product

Measuring range - Pressure -1 ... 1000 bar
Process temperature -40 ... 130 °C
Accuracy 0.3 %
Materials, wetted parts 316L
Threaded connection ≥ G½, ≥ ½ 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