



### Reliable

Temperature fluctuations don't affect this robust measurement technology

### Cost effective

Optimise energy and usage of cooling water and hot water

### User friendly

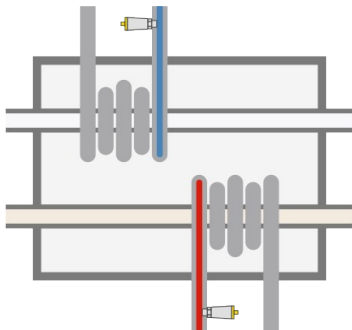
Simple connection via standardised IO-Link

## 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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<b>VEGABAR 28</b> <a href="#">Show Product</a>

<b>Measuring range - Pressure</b> -1 ... 60 bar
<b>Process temperature</b> -40 ... 130 °C
<b>Accuracy</b> 0.3 %
<b>Materials, wetted parts</b> PVDF Duplex (1.4462) Ceramic 316/316L
<b>Threaded connection</b> ≥ G½, ≥ ½ NPT
<b>Hygienic fittings</b> 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
<b>Seal material</b> EPDM FKM FFKM
<b>Protection rating</b> IP65 IP68 (0,5 bar)/IP69
<b>Output</b> 4 ... 20 mA Three-wire (PNP/NPN, 4 ... 20 mA) IO-Link
<b>Ambient temperature</b> -40 ... 70 °C

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<b>VEGABAR 29</b> <a href="#">Show Product</a>

<b>Measuring range - Pressure</b> -1 ... 1000 bar
<b>Process temperature</b> -40 ... 130 °C
<b>Accuracy</b> 0.3 %
<b>Materials, wetted parts</b> 316L
<b>Threaded connection</b> ≥ G½, ≥ ½ NPT
<b>Hygienic fittings</b> 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
<b>Protection rating</b> IP65 IP68 (0,5 bar)/IP69
<b>Output</b> 4 ... 20 mA Three-wire (PNP/NPN, 4 ... 20 mA) IO-Link
<b>Ambient temperature</b> -40 ... 70 °C