

### 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



# 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



# **Show Product**

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

**Show Product** 



# 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

Hygenic 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  $\geq$  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

# **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

Hygenic 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

