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
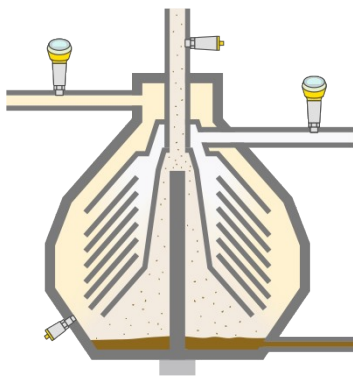
VEGABAR 29

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

Show Product

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

Show Product

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

Show Product

VEGA HOME OF VALUES

BASIC	BASIC	BASIC
VEGABAR 29 Show Product	**VEGABAR 39** Show Product	**VEGAPOINT 24** Show Product

VEGABAR 29	VEGABAR 39	VEGAPOINT 24
Measuring range - Pressure -1 ... 1000 bar	**Measuring range - Pressure** -1 ... 1000 bar	**Measuring range - Distance** -
Process temperature -40 ... 130 °C	**Process temperature** -40 ... 130 °C	**Process temperature** -40 ... 115 °C
Accuracy 0.3 %	**Accuracy** 0.3 %	**Process pressure** -1 ... 64 bar
Materials, wetted parts 316L	**Materials, wetted parts** 316L	**Materials, wetted parts** 316L PEEK
Threaded connection ≥ G½, ≥ ½ NPT	**Threaded connection** ≥ G½, ≥ ½ NPT	**Threaded connection** G½
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	**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 ≥ DN25 - DIN11864-1-A Hygienic fittings ≥ DN40 - DIN11864-1-A Varivent N50-40 SMS DN25 Ingold connection PN10 Varivent F25	**Hygenic fittings** Clamp ≥ 2", DN50 - DIN32676, ISO2852 Clamp ≥ 1" - DIN32676, ISO2852 Clamp ≥ 1½" - DIN32676, ISO2852
Protection rating IP65 IP68 (0,5 bar)/IP69	**Housing material** Plastic	**Protection rating** IP66/IP67 IP69
Output 4 … 20 mA Three-wire (PNP/NPN, 4 … 20 mA) IO-Link	**Protection rating** IP66/IP67	**Output** Transistor (NPN/PNP) IO-Link
Ambient temperature -40 ... 70 °C	**Output** 4 … 20 mA Three-wire (PNP/NPN, 4 … 20 mA) IO-Link	**Ambient temperature** -40 ... 70 °C
	Ambient temperature -40 ... 70 °C	