

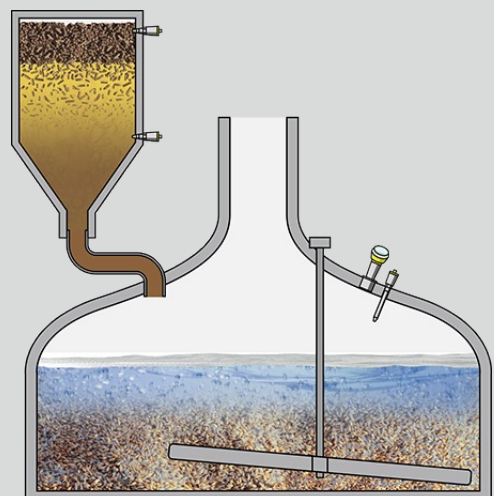


Wort kettle

- Reliable
- Certified materials according to FDA and EC 1935/2004 regulations
- Cost effective
- Maintenance-free operation
- User friendly
- Simple setup and commissioning via standardised, VDMA-compliant interface

Pressure and point level measurement in the wort kettle and in the hops dissolver

Hops give beer its typical beer aroma. Proper dosage of the hops is therefore enormously important for the flavour of the finished product. Wort and hops are mixed together and cooked in the wort kettle. To ensure reliable control of the hops dosage and cooking process, level and pressure measurements are integrated in the process.



VEGAPOINT 23

Capacitive level switch as overflow protection in the wort kettle

- Switching point adaptable to the measuring location
- Reliable overflow prevention
- 360° display of the switching status



VEGABAR 39

Pressure transmitter for gauge pressure measurement in the wort kettle

- Reliable gauge pressure measurement, unaffected by steam and condensate
- Standardised VDMA operating structure simplifies setup and commissioning
- 360° display of the switching status



VEGAPOINT 23	VEGABAR 39
Process temperature -40 ... 115 °C	Measuring range - Pressure -1 ... 1000 bar
Process pressure -1 ... 25 bar	Process temperature -40 ... 130 °C
Materials, wetted parts 316L PEEK	Accuracy 0.3 %
Threaded connection ≥ G½, ≥ ½ NPT	Materials, wetted parts 316L
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 Slotted nut ≥ DN32 - DIN 11851	Threaded connection ≥ G½, ≥ ½ NPT
Seal material EPDM FKM	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
Protection rating IP66/IP67 IP69	Housing material Plastic
Output Transistor (NPN/PNP) IO-Link	Protection rating IP66/IP67
Ambient temperature -40 ... 70 °C	Output 4 ... 20 mA Three-wire (PNP/NPN, 4 ... 20 mA) IO-Link
	Ambient temperature -40 ... 70 °C