

11 Appendices

11.1 Technical data

Technical data

Nominal voltage/current consumption:	230 V 50 Hz, 0,48 A 115 V 60 Hz, 0,84 A 12 V DC, 1,55 A 24 V DC, 0,8 A
Protection class OEM/housing & 12 V/24 V:	IP 00/IP 20
Weight (without accessories):	approx. 1,3 kg (12 V/24 V approx. 0,8 kg)
Medium temperature:	see "Temperature classes"
Surrounding temperature:	0 °C to 50 °C
Nominal output:	280 l/h
Materials in contact with media vary by configuration:	PTFE, PVDF, 1.4571, 1.4401, Viton

The gas lines are connected via screw-in connections (G1/4 thread). The respective screw-in connections as well as mounting bracket and vibration absorber are sold separately.

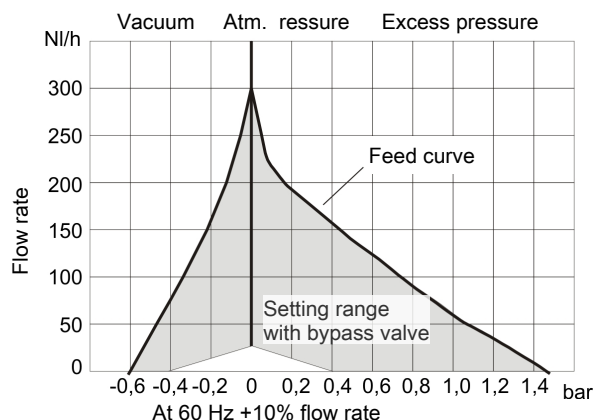
11.2 Temperature classes

Type of gas	Maximum medium temperature	Temperature class	
		at installation site	in gas path
non-flammable	50 °C	T4	---
	70 °C	T3	---
flammable	50 °C	T4	T3

11.3 Protection marking

P1.3 Atex	FM16ATEX0018X	II 3G Ex nA nC IIC T4...T3 Gc
	---	II 3/3G c IIC T3/T4 X (Examined by Bühler Technologies GmbH)
P1.3 IECEx	IECEx FMG 16.0012X	Ex nA nC IIC T4...T3 Gc
P1.3 US/Canada	Cl. I, Div. 2, Gps. A, B, C, D, T4...T3	

11.4 Feed curve

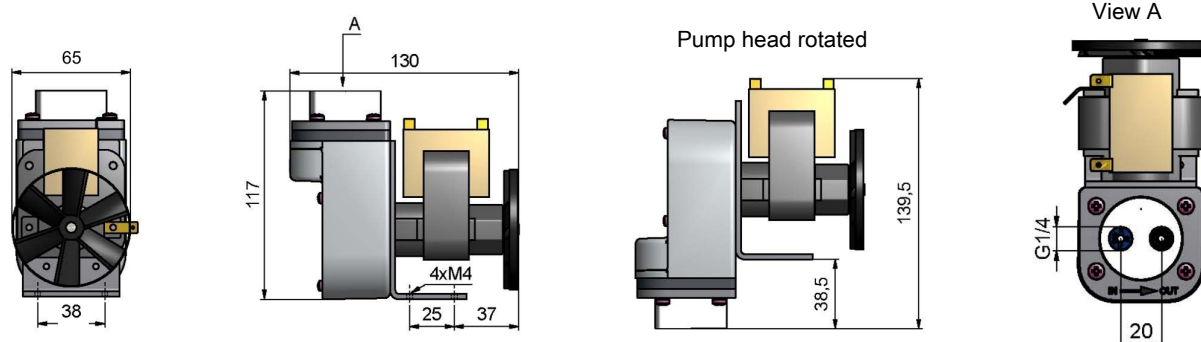


Note: The notices regarding the pressure and flow rates in chapter 5 of the operating instructions (no. 420023) must be observed!

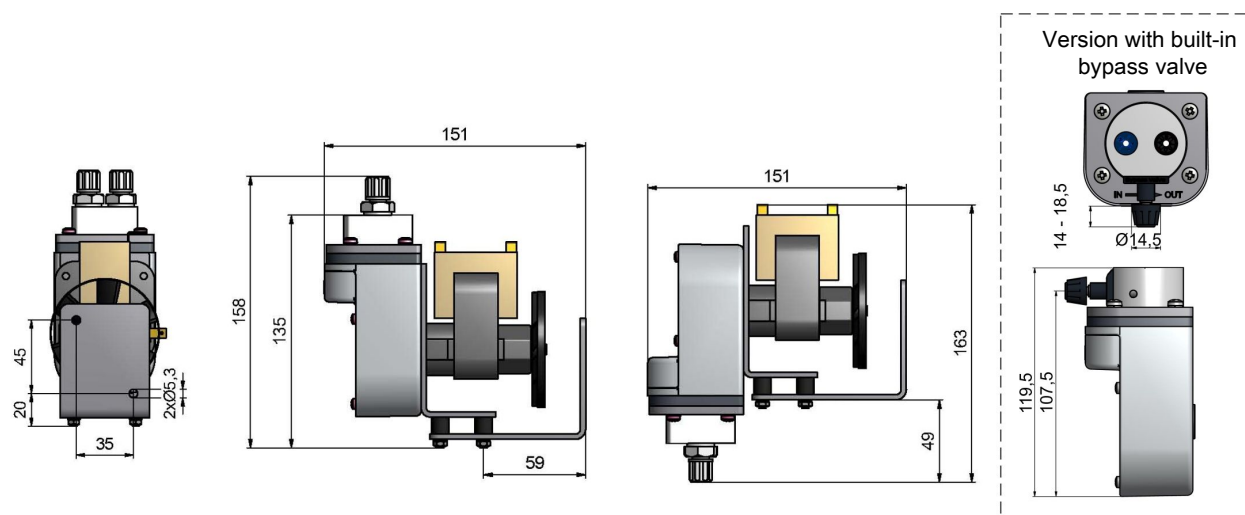
11.5 Dimensions P1.3 (115 V / 230 V)

The P1.3 sample gas pump is connected to electricity via blade receptacles..

without accessories:

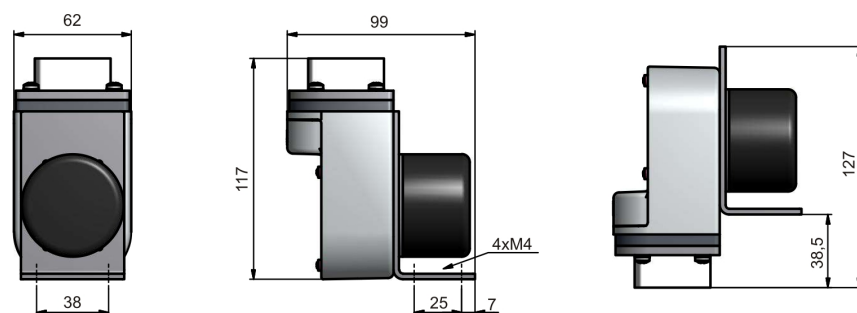


with accessories:



11.6 Dimensions P1.3 (24 V DC / 12 V DC)

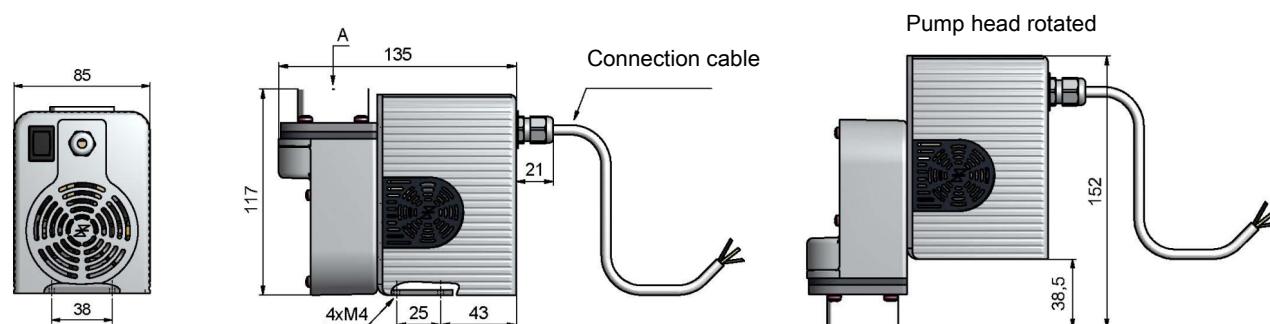
The P1.3 (24 V DC / 12 V DC) sample gas pump may be connected by standard 3 m connecting cable.



11.7 Dimensions P1.3E (all voltages)

The P1.3E sample gas pump may be connected by standard 3 m connecting cable.

without accessories:



with accessories:

