

Filter pressure regulator, Series MU1-FRE

- G 1
- filter porosity 40 µm



Type	1-part
Parts	Filter pressure regulator
Mounting orientation	vertical
Working pressure min./max.	0,5 ... 16 bar
Ambient temperature min./max.	-10 ... 60 °C
Medium temperature min./max.	-10 ... 60 °C
Medium	Compressed air Neutral gases
Nominal flow Qn	7000 l/min
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Adjustment range min./max.	0,5 ... 10 bar
Pressure supply	single
Filter reservoir volume	300 cm³
Filter element	exchangeable
Condensate drain	Manual
Weight	2,4 kg

Technical data

Part No.	Port	filter porosity	Flow	Condensate drain
			Qn	
9155522410	G 1	40 µm	7000 l/min	Manual

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 1 bar

Technical information

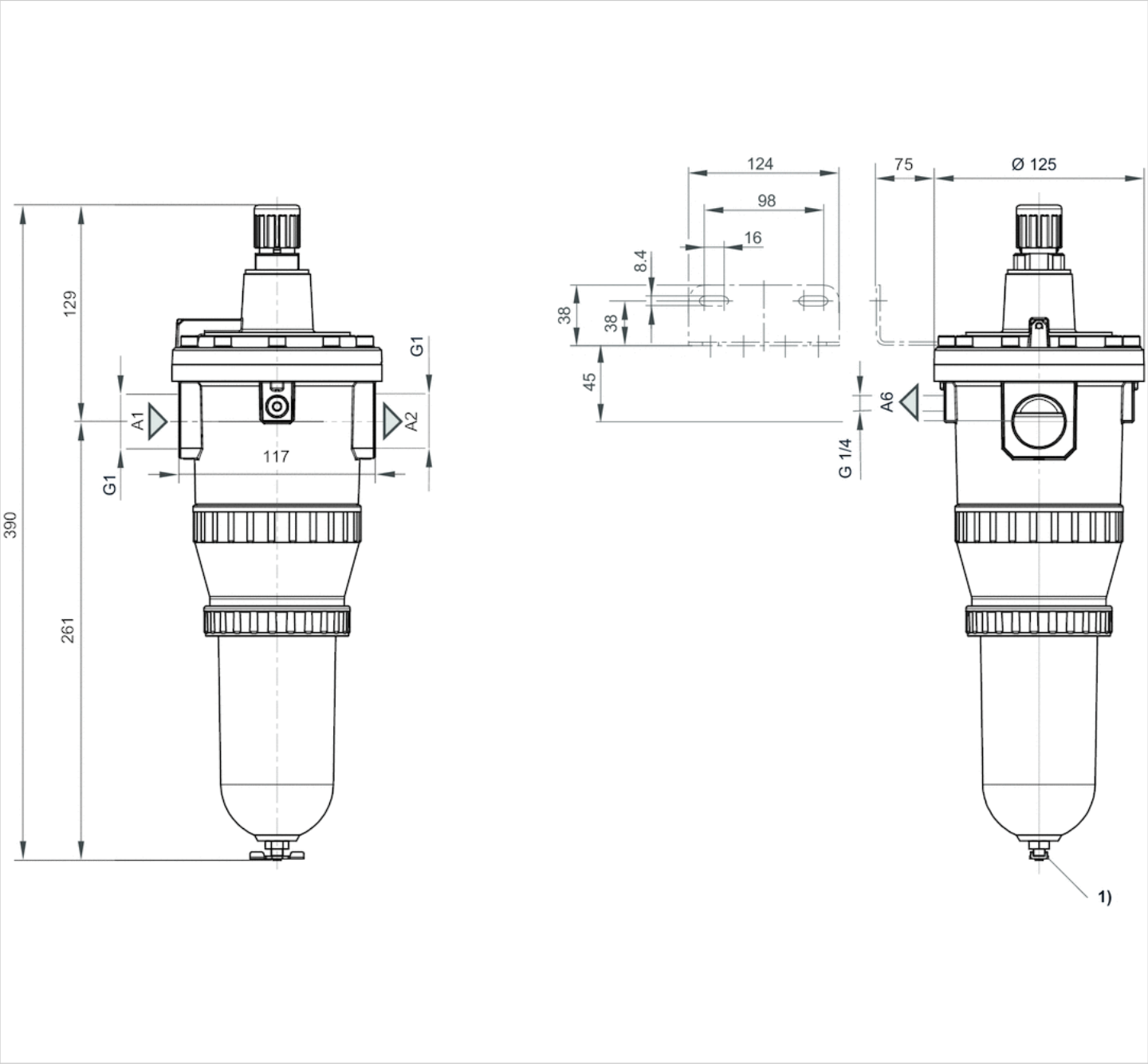
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
 Mounting: panel installation or mounting bracket R412004873

Technical information

Material	
Housing	Die-cast aluminum
Seals	Acrylonitrile butadiene rubber
Reservoir	Die-cast aluminum
Filter insert	Polyethylene

Dimensions

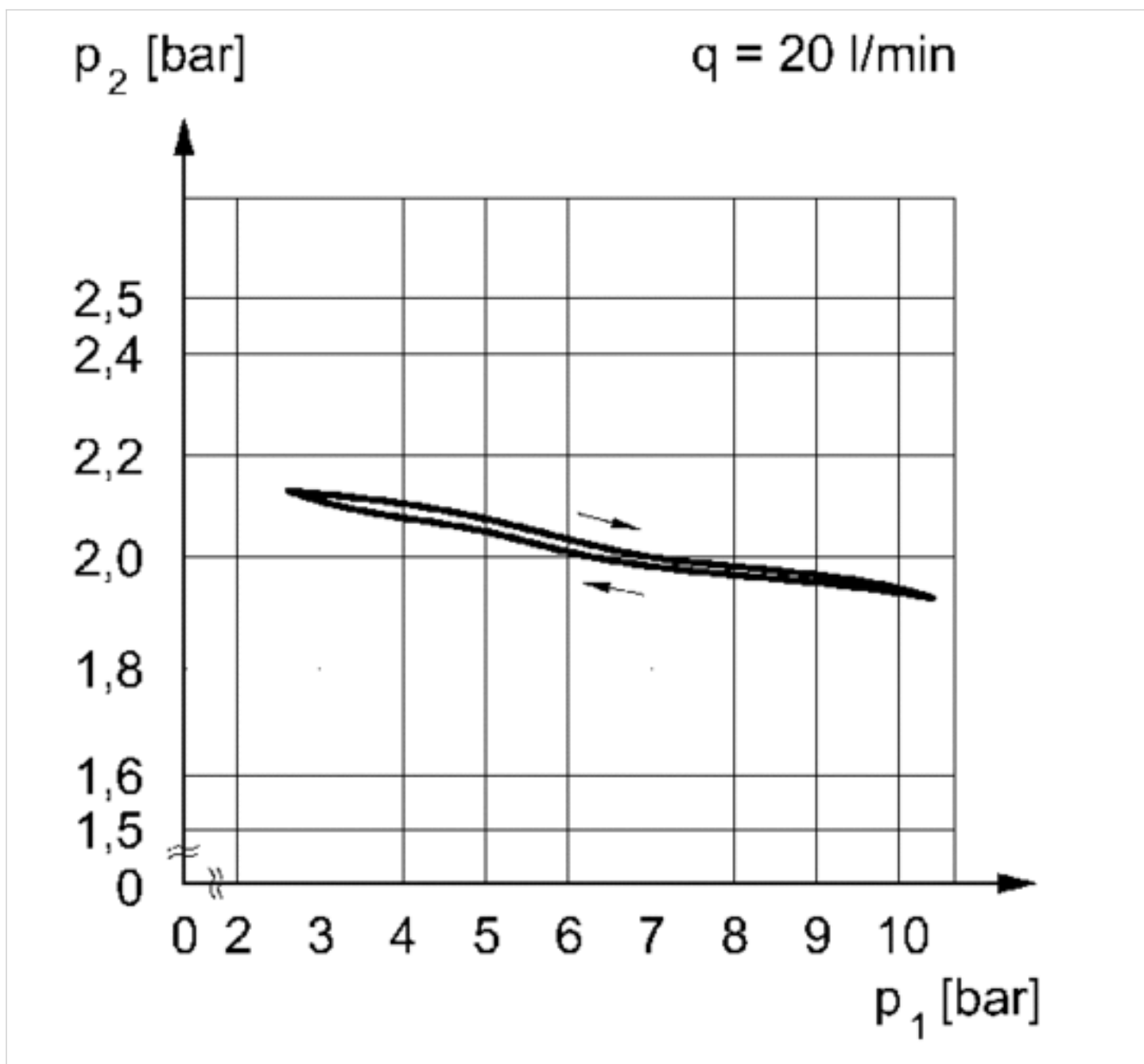
Dimensions



1) Semi-automatic condensate drain

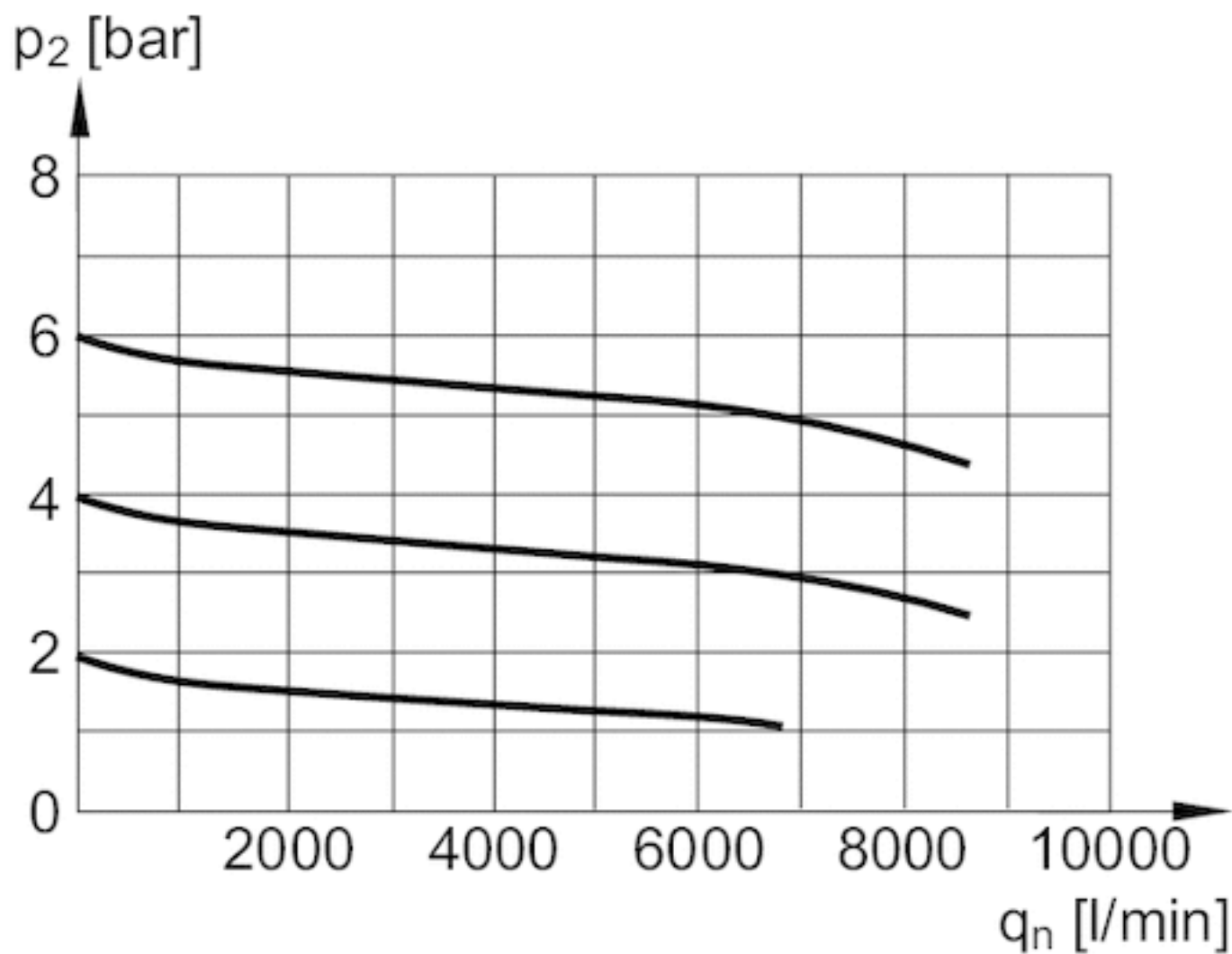
Diagrams

Pressure characteristics curve



p_1 = working pressure
 p_2 = secondary pressure
 q_n = nominal flow
 q = flow rate

Flow rate characteristic



p_1 = Working pressure
 p_2 = Secondary pressure
 q_n = Nominal flow

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