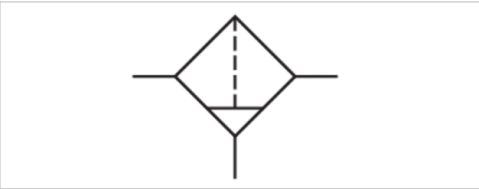
Filter, Series MU1-FLS

- G 1 1/2 G 2
- filter porosity 8 60 µm
- suitable for ATEX



Type	Standard filter
Parts	Filter
Mounting orientation	vertical
Certificates	suitable for ATEX
Working pressure min./max.	See table below
Ambient temperature min./max.	-10 ... 60 °C
Medium temperature min./max.	-10 ... 60 °C
Medium	Compressed air Neutral gases
Filter reservoir volume	300 cm³
Filter element	exchangeable
Condensate drain	See table below
Weight	3,5 kg

Technical data

Part No.	Port	filter porosity	Flow Qn	Working pressure min./max.
R412000667	G 1 1/2	8 µm	30000 l/min	0 ... 16 bar
R412006568	G 2	60 µm	30000 l/min	0 ... 16 bar
R412006570	G 2	60 µm	30000 l/min	2 ... 12 bar
R412006571	G 2	8 µm	30000 l/min	2 ... 12 bar

Part No.	Condensate drain
R412000667	Manual
R412006568	Manual
R412006570	fully automatic, open without pressure
R412006571	fully automatic, open without pressure

Part No.	Version
R412000667	reservoir, polycarbonate, with metal protective guard
R412006568	reservoir, polycarbonate, without protective guard
R412006570	Metal reservoir without window
R412006571	Metal reservoir without window

Suitable for use in Ex zones 1, 2, 21, 22., Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 1 bar, Metal protective guard can be retrofitted for all polycarbonate reservoirs

Technical information

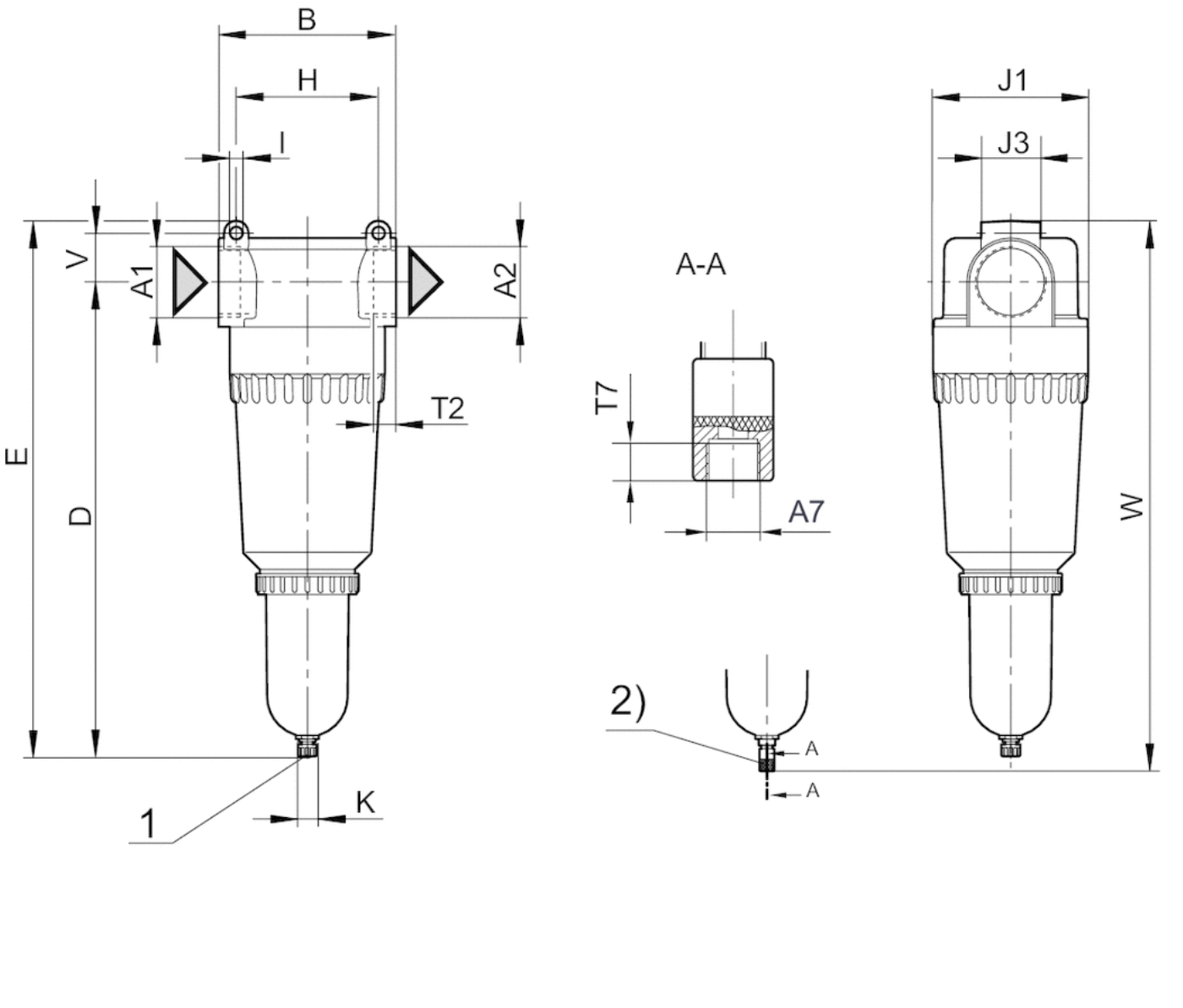
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
Mounting via 2 through-holes in housing
Suitable for use in Ex zones 1, 2, 21, 22.

Technical information

Material	
Housing	Die cast zinc
Seals	Acrylonitrile butadiene rubber
Reservoir	Polycarbonate
Protective guard	Steel
Filter insert	Polyethylene

Dimensions

Dimensions



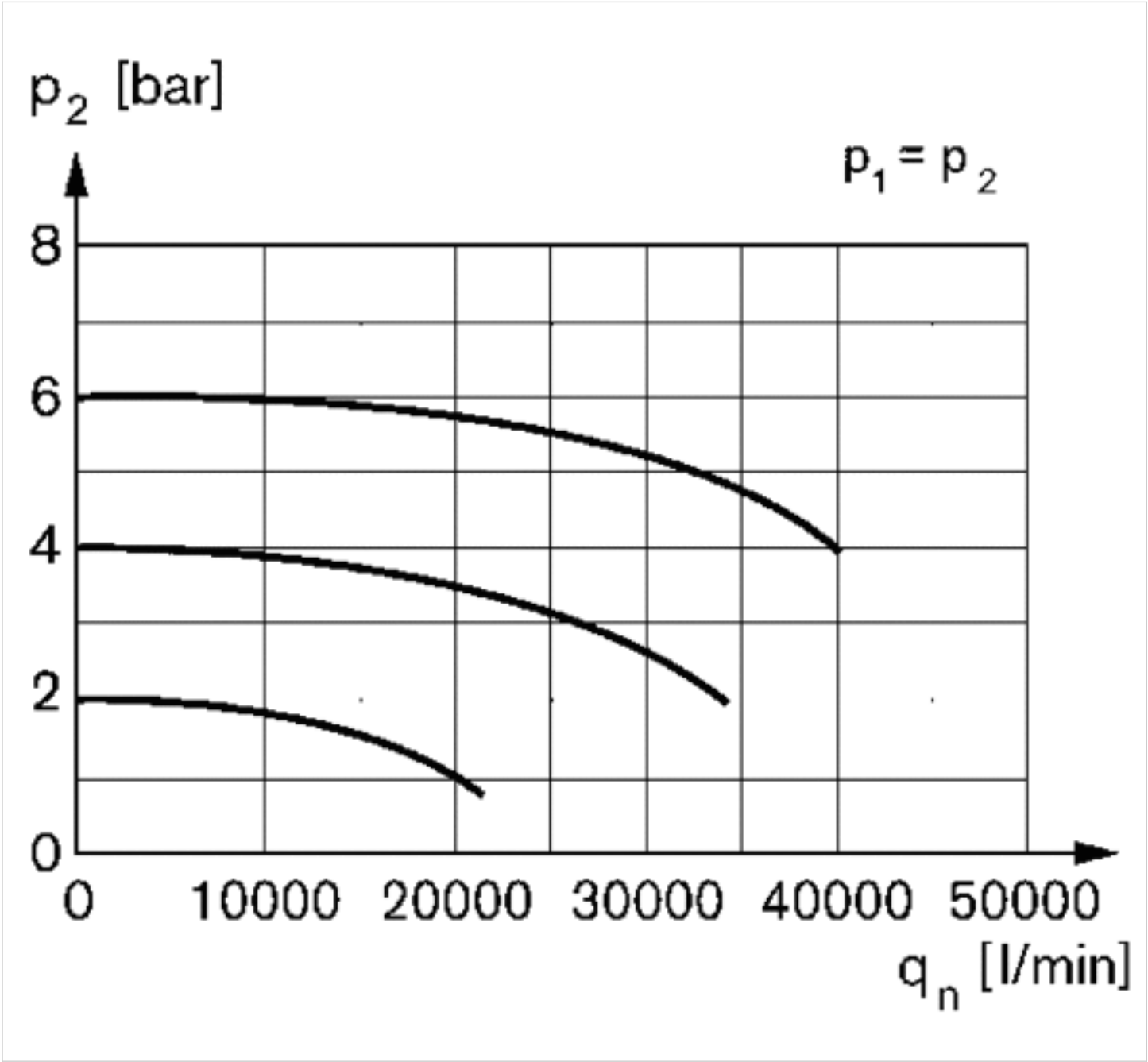
1) manual condensate drain
2) fully automatic condensate drain

Dimensions

A1	A2	A7	B ±7	D ±7	E ±7	H	I	J1	J3	T2	T7	V ±5	W ±7
G 1 1/2	G 1 1/2	G 1/8	150	383	424	120	10.5	131	50	24	8.5	41	441.5
G 2	G 2	G 1/8	150	400.5	452	120	10.5	131	50	24	8.5	41	464.5

Diagrams

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

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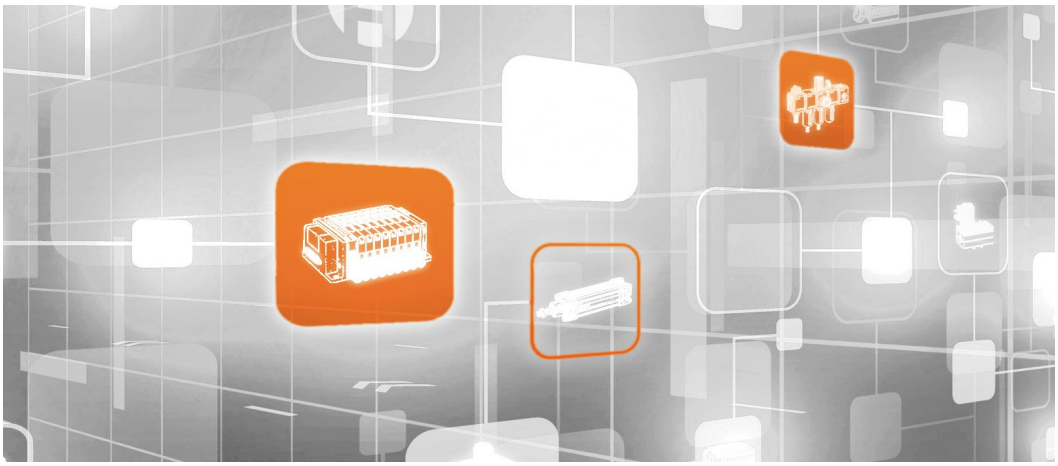

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