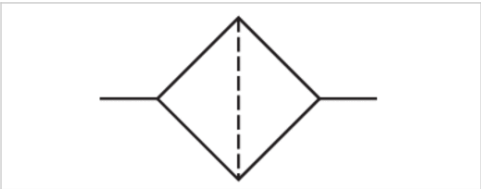
Active carbon filter, Series NL1-FLA

- G 1/8 G 1/4
- suitable for ATEX



Type	Active carbon filter, Can be assembled into blocks
Parts	Active carbon filter
Mounting orientation	vertical
Certificates	suitable for ATEX
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
Filter reservoir volume	16 cm³
Filter element	exchangeable
Weight	See table below

Technical data

Part No.	Port	Flow Qn	Weight
0821303720	G 1/8	310 l/min	0,19 kg
0821303721	G 1/4	380 l/min	0,21 kg

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 0.1 bar

Suitable for use in Ex zones 1, 2, 21, 22., 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 .
Suitable for use in Ex zones 1, 2, 21, 22.
Note: Polycarbonate reservoirs are susceptible to solvents, supplementary information can be found at "Customer information".
A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

Recommended pre-filtering 0,01 µm

Max. achievable compressed air class acc. to ISO 8573-1:2010 - : - : 1

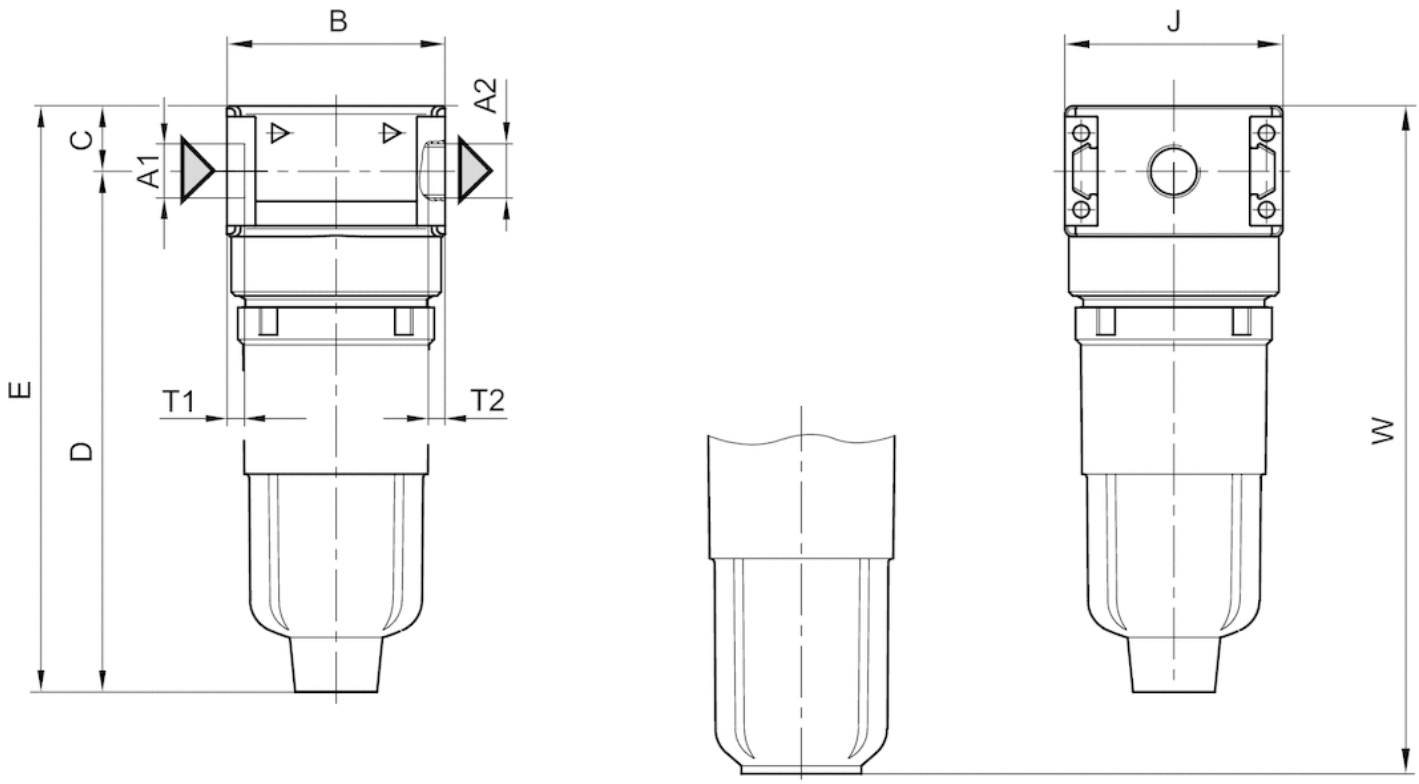
Technical information

Material	
Housing	Die cast zinc
Seals	Acrylonitrile butadiene rubber

Material	
Reservoir	Polycarbonate
Filter insert	Active carbon

Dimensions

Dimensions



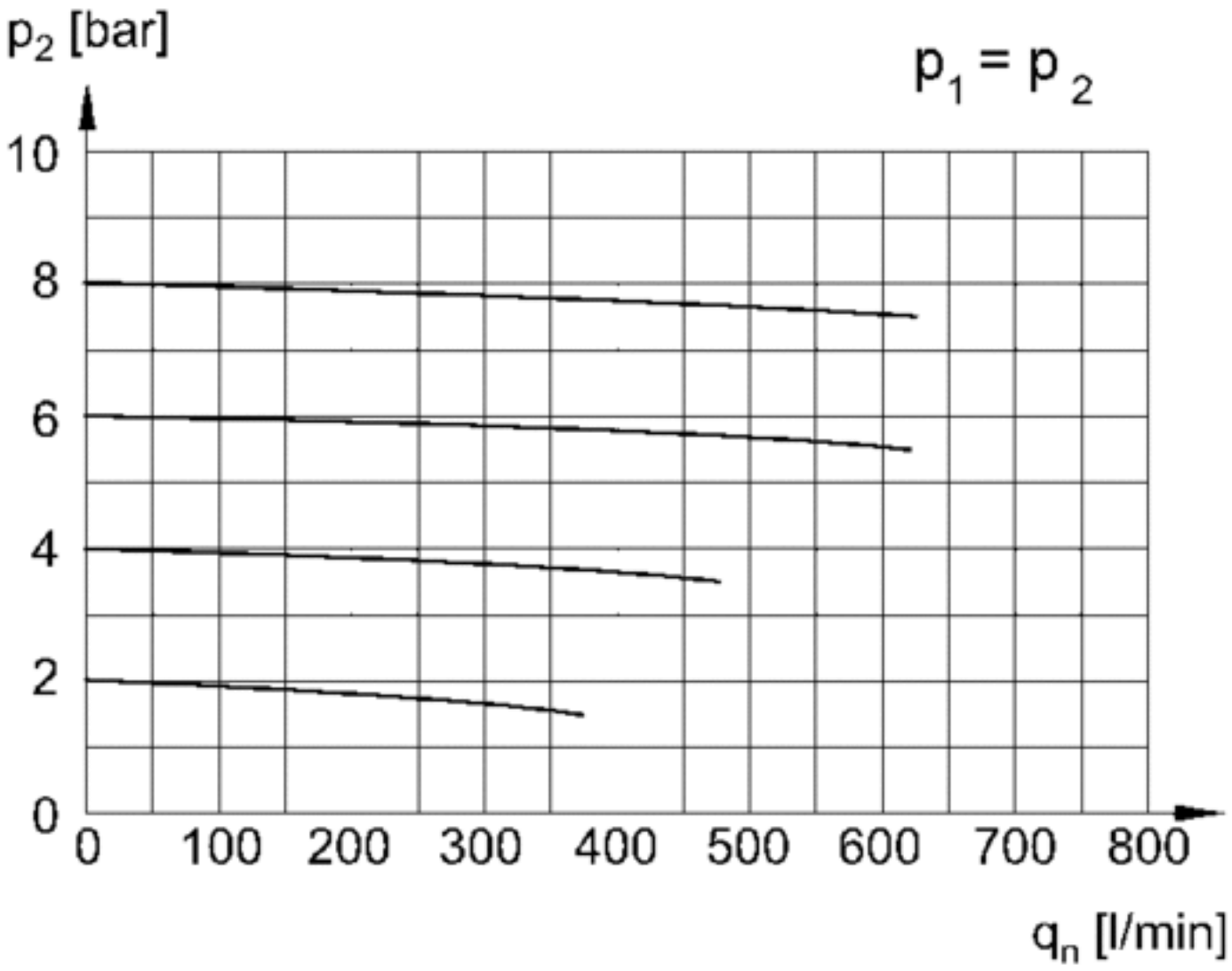
A1 = input
A2 = output

Dimensions in mm

A1	A2	B	C	D	E	J	T1	T2	W
G 1/8	G 1/8	40	12.3	95.5	108	40	8	8	–
G 1/4	G 1/4	40	12.3	–	–	40	8	8	123

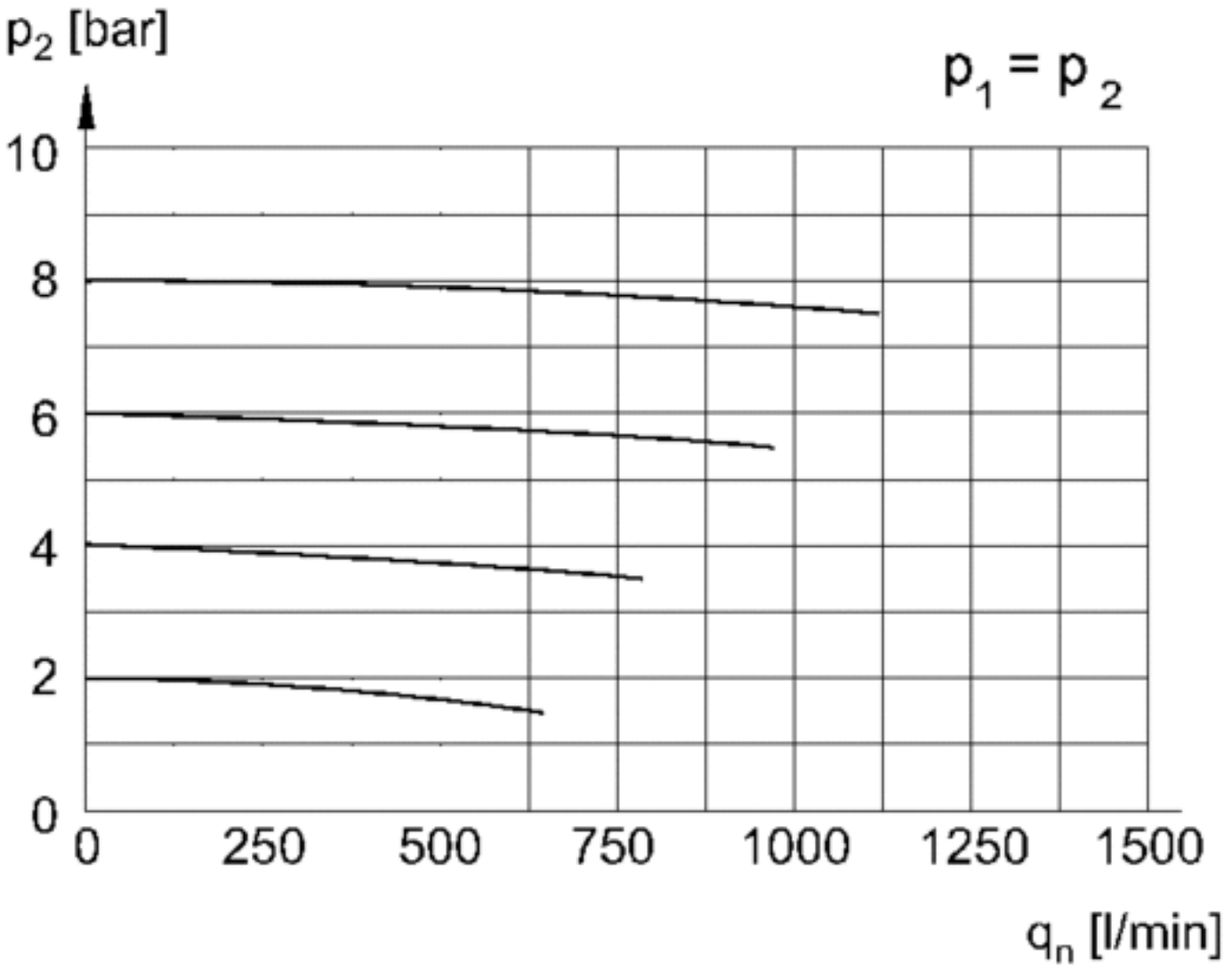
Diagrams

Flow rate characteristic G1/8



p2 = secondary pressure
qn = nominal flow

Flow rate characteristic G1/4



p2 = secondary pressure
qn = nominal flow

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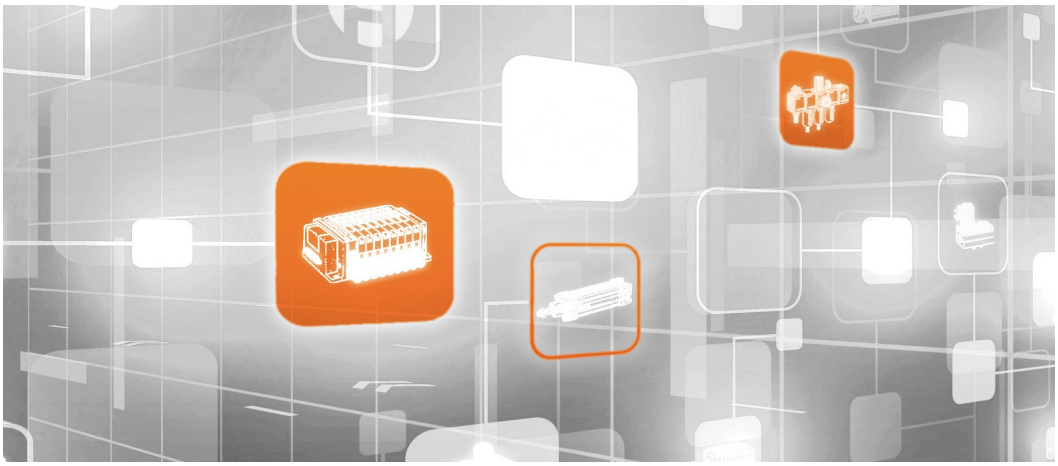

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