Filter, Series NL1-FLS

- G 1/8 G 1/4
- filter porosity 5 µm
- suitable for ATEX

Type	Standard filter, Can be assembled into blocks
Parts	Filter
Mounting orientation	vertical
Certificates	suitable for ATEX
Working pressure min./max.	1,5 ... 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
filter porosity	5 µm
Condensate drain	See table below
Weight	See table below

Technical data

Part No.	Port	Flow Qn	Condensate drain
0821303710	G 1/8	1000 l/min	semi-automatic, open without pressure
0821303711	G 1/8	1000 l/min	semi-automatic, open without pressure
0821303712	G 1/8	1000 l/min	fully automatic, open without pressure
0821303713	G 1/4	1000 l/min	semi-automatic, open without pressure
0821303714	G 1/4	1000 l/min	semi-automatic, open without pressure
0821303715	G 1/4	1000 l/min	fully automatic, open without pressure

Part No.	Version	Weight
0821303710	reservoir, polycarbonate, without protective guard	0,334 kg
0821303711	Metal reservoir without window	0,259 kg
0821303712	reservoir, polycarbonate, without protective guard	0,263 kg
0821303713	reservoir, polycarbonate, without protective guard	0,21 kg
0821303714	Metal reservoir without window	0,259 kg
0821303715	reservoir, polycarbonate, without protective guard	0,263 kg

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 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.
Also suitable for separation of fluid oil or water due to the design.

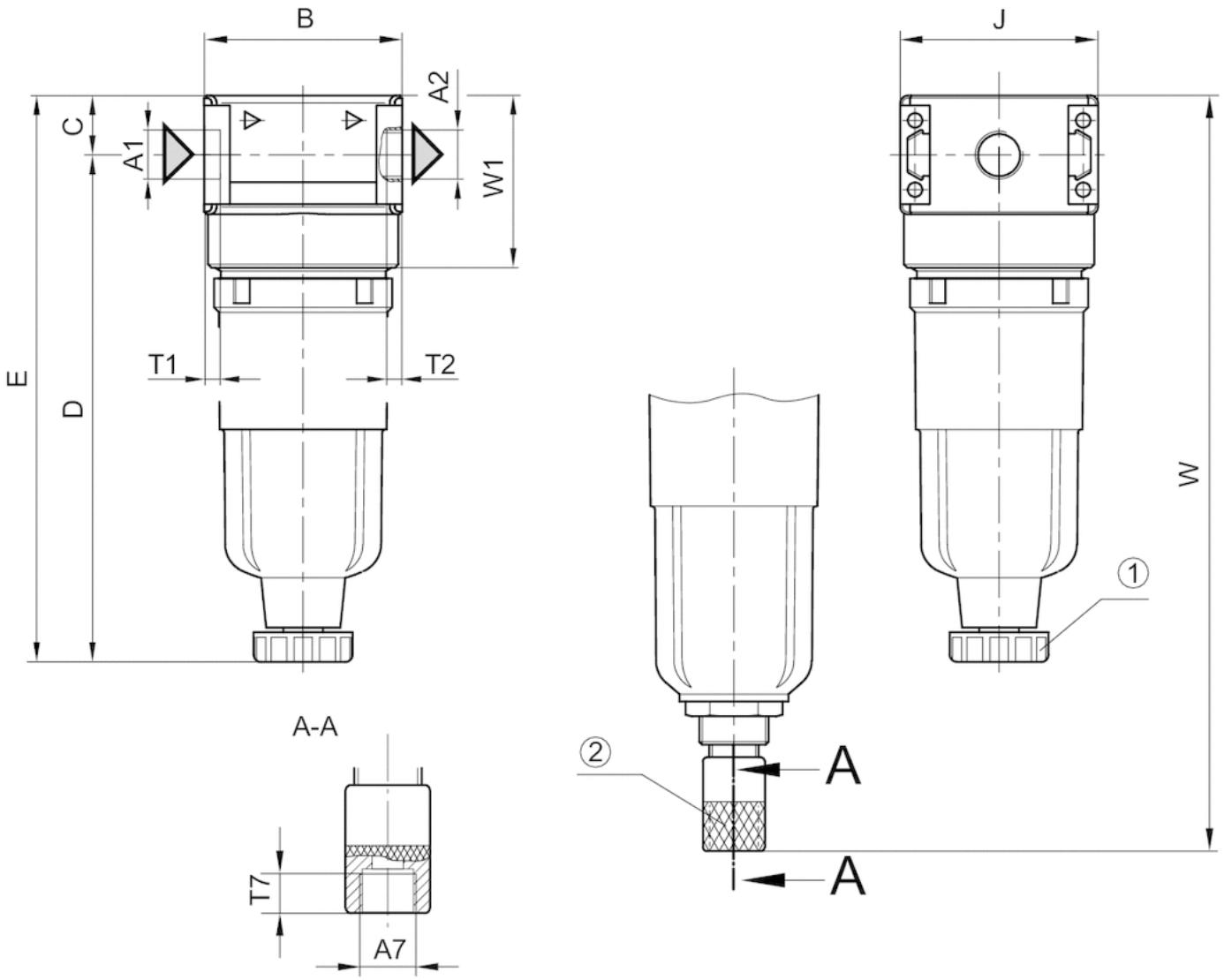
Max. achievable compressed air class acc. to ISO 8573-1:2010 6 : 7 : -

Technical information

Material	
Housing	Die cast zinc
Seals	Acrylonitrile butadiene rubber
Reservoir	Polycarbonate Die cast zinc
Filter insert	Cellpor

Dimensions

Dimensions



A1 = input
A2 = output
1) Semi-automatic condensate drain
2) fully automatic condensate drain

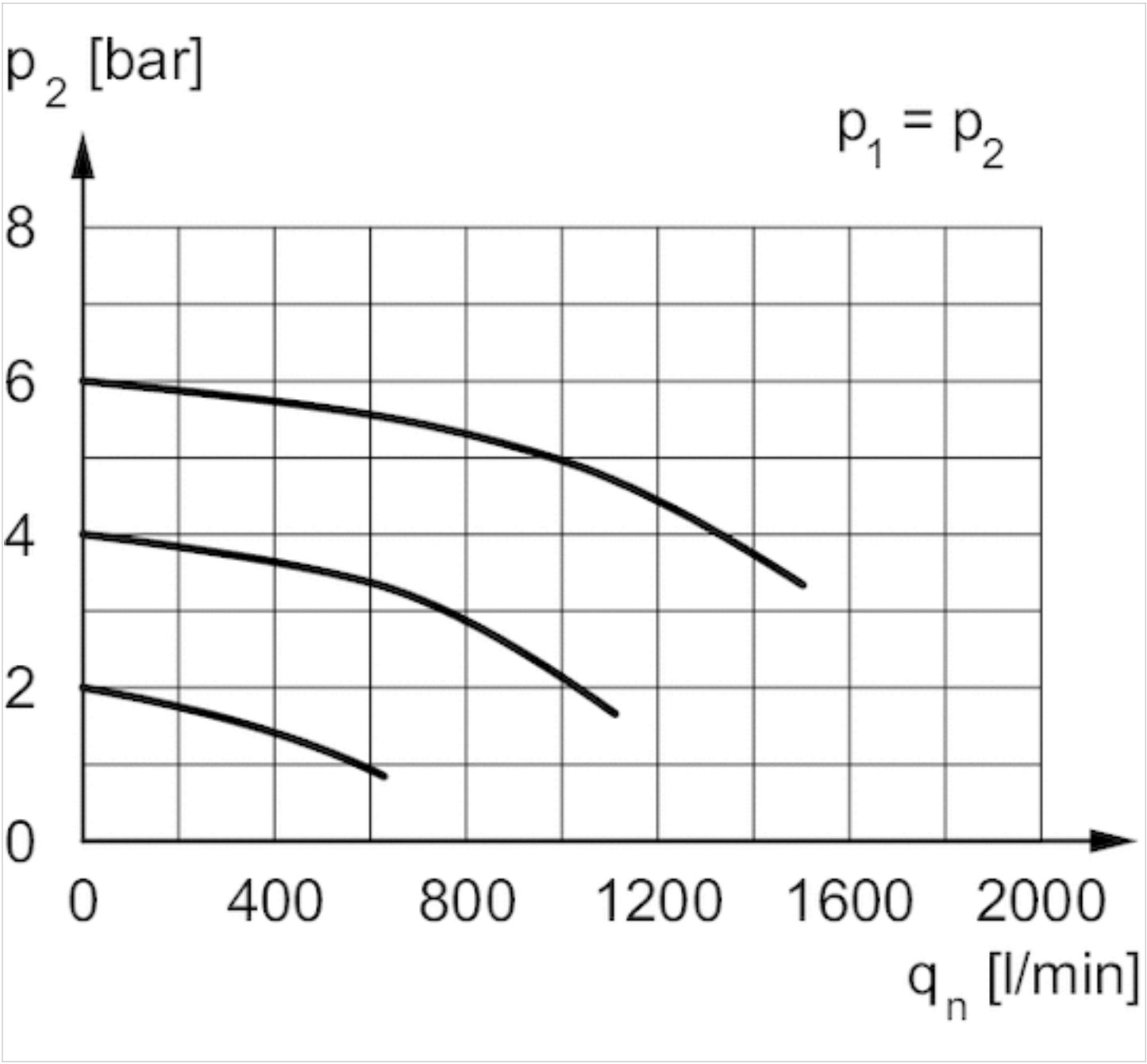
Dimensions in mm

A1	A2	A7	B	C	D	E	J	T1	T2	T7	W	W1
G 1/8	G 1/8	G 1/8	40	12.3	102.5	114.8	40	8	8	8.5	-	35.1
G 1/8	G 1/8	G 1/8	40	12.3	-	114	40	8	8	8.5	-	35.1
G 1/8	G 1/8	G 1/8	40	12.3	-	-	40	8	8	8.5	154	35.1
G 1/4	G 1/4	G 1/8	40	12.3	102.5	114.8	40	8	8	8.5	-	35.1

A1	A2	A7	B	C	D	E	J	T1	T2	T7	W	W1
G 1/4	G 1/4	G 1/8	40	12.3	-	114	40	8	8	8.5	-	35.1
G 1/4	G 1/4	G 1/8	40	12.3	-	-	40	8	8	8.5	154	35.1

Diagrams

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

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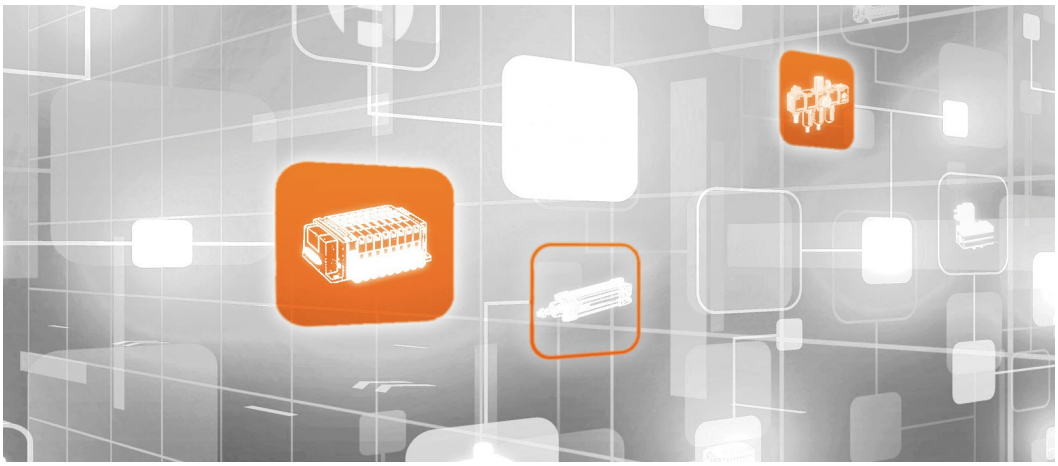

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