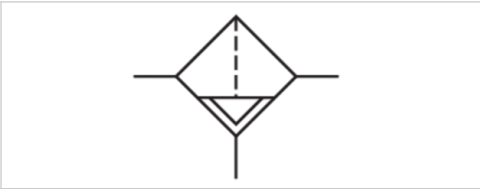
Filter, Series NL4-FLS

- G 1/2 G 3/4
- 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	50 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
0821303500	G 1/2	4000 l/min	semi-automatic, open without pressure
0821303501	G 1/2	4000 l/min	semi-automatic, open without pressure
0821303503	G 1/2	4000 l/min	fully automatic, open without pressure
0821303504	G 1/2	4000 l/min	fully automatic, open without pressure
0821303502	G 1/2	4000 l/min	semi-automatic, open without pressure
0821303505	G 1/2	4000 l/min	fully automatic, open without pressure
0821303559	G 1/2	4000 l/min	fully automatic, open without pressure
0821303540	G 3/4	4000 l/min	semi-automatic, open without pressure
0821303541	G 3/4	4000 l/min	semi-automatic, open without pressure
0821303543	G 3/4	4000 l/min	fully automatic, open without pressure
0821303558	G 3/4	4000 l/min	semi-automatic, open without pressure
0821303544	G 3/4	4000 l/min	fully automatic, open without pressure
0821303545	G 3/4	4000 l/min	fully automatic, open without pressure
0821303542	G 3/4	4000 l/min	semi-automatic, open without pressure

Part No.	Version	Weight
0821303500	reservoir, polycarbonate, without protective guard	0,798 kg
0821303501	reservoir, polycarbonate, with metal protective guard	0,89 kg
0821303503	reservoir, polycarbonate, without protective guard	0,864 kg
0821303504	reservoir, polycarbonate, with metal protective guard	0,956 kg
0821303502	reservoir, metal, with inspection glass	1,23 kg

Part No.	Version	Weight
0821303505	reservoir, metal, with inspection glass	1,29 kg
0821303559	reservoir, metal, with inspection glass	1,29 kg
0821303540	reservoir, polycarbonate, without protective guard	0,798 kg
0821303541	reservoir, polycarbonate, with metal protective guard	0,89 kg
0821303543	reservoir, polycarbonate, without protective guard	0,864 kg
0821303558	reservoir, polycarbonate, with metal protective guard	0,798 kg
0821303544	reservoir, polycarbonate, with metal protective guard	0,956 kg
0821303545	reservoir, metal, with inspection glass	1,29 kg
0821303542	reservoir, metal, with inspection glass	1,23 kg

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

Suitable for use in Ex zones 1, 2, 21, 22.

Technical information

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

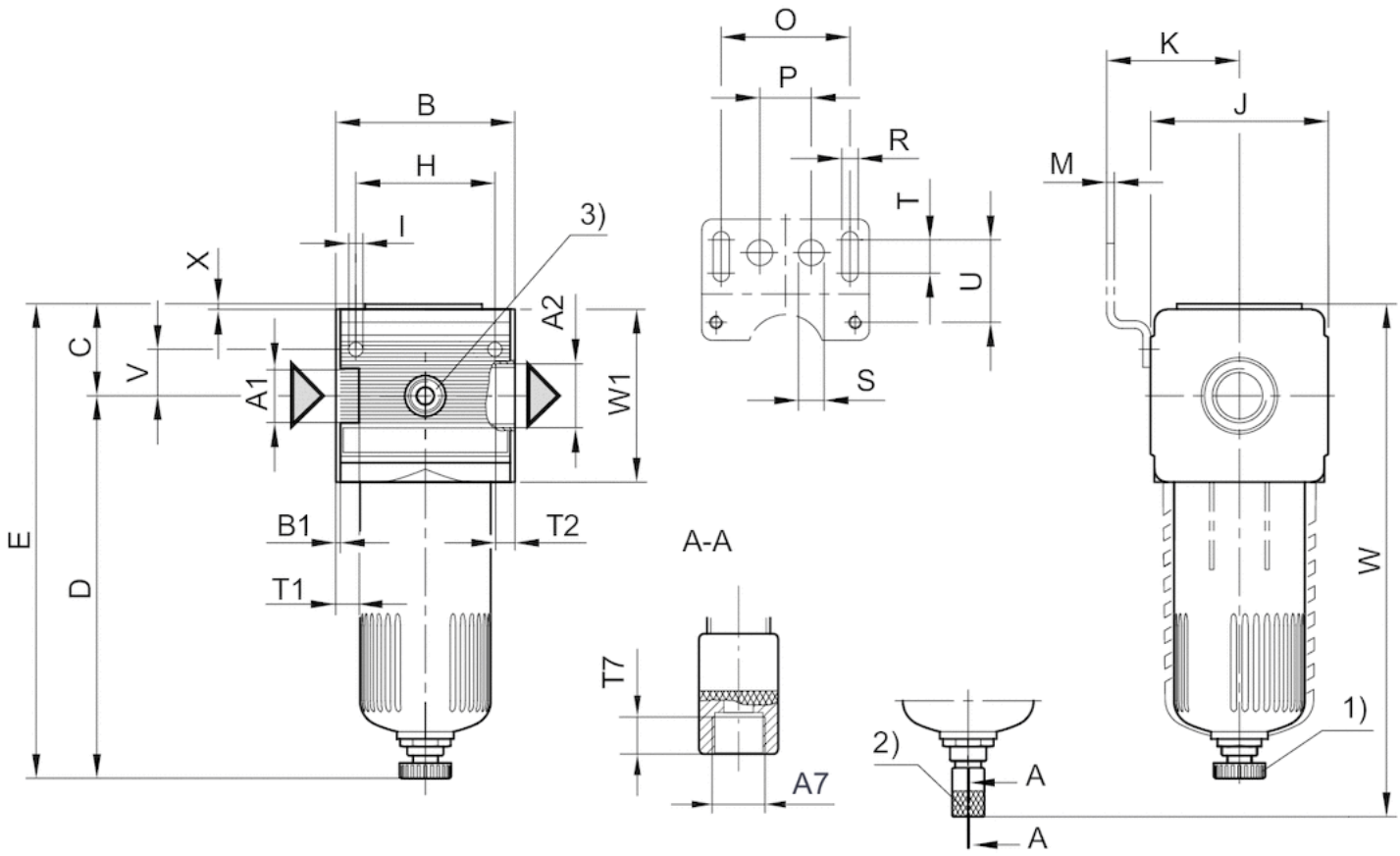
Max. achievable compressed air class acc. to ISO 8573-1:2010 6 : 7 : -

Technical information

Material	
Housing	Die cast zinc
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Reservoir	Polycarbonate Die cast zinc
Protective guard	Steel
Filter insert	Cellpor

Dimensions

Dimensions



A1 = input
A2 = output
A7 = condensate drain
1) Semi-automatic condensate drain
2) fully automatic condensate drain
3) Optional pressure gauge connection G 1/4

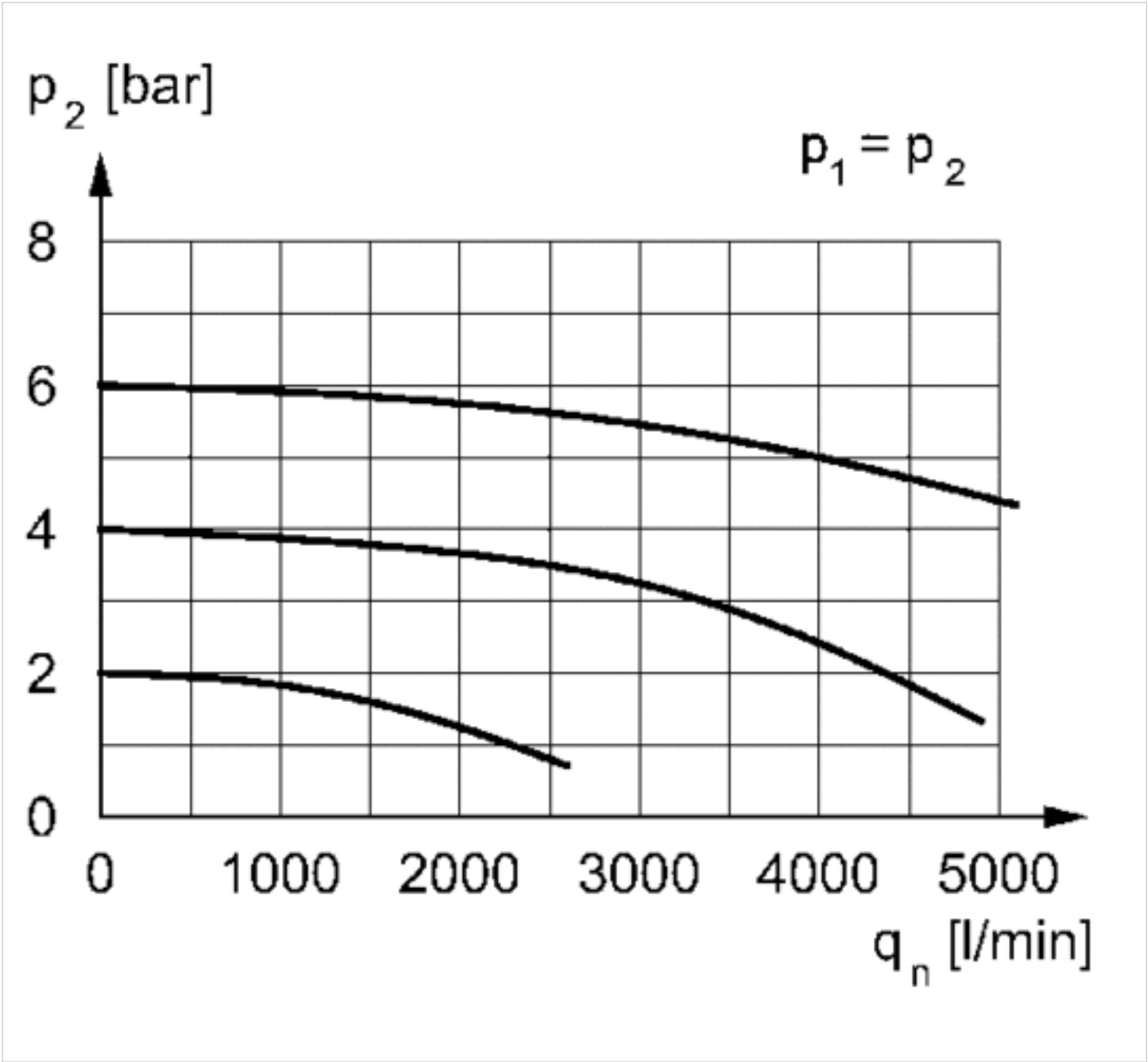
Dimensions in mm

A1	A2	A7	B	B1	C	D	E	H	I	J	K	M	O	P	R	S	T	T1	T2	T7	U	V	W
G 1/2	G 1/2	G 1/8	69.6	1.8	36.5	146.5	183	54	5.5	69	54.5	3	50	20	6.4	10	13	13	13	8.5	33	18	199
G 3/4	G 3/4	G 1/8	69.6	1.8	36.5	146.5	183	54	5.5	69	54.5	3	50	20	6.4	10	13	13	13	8.5	33	18	199

W1	X
67	3
67	3

Diagrams

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

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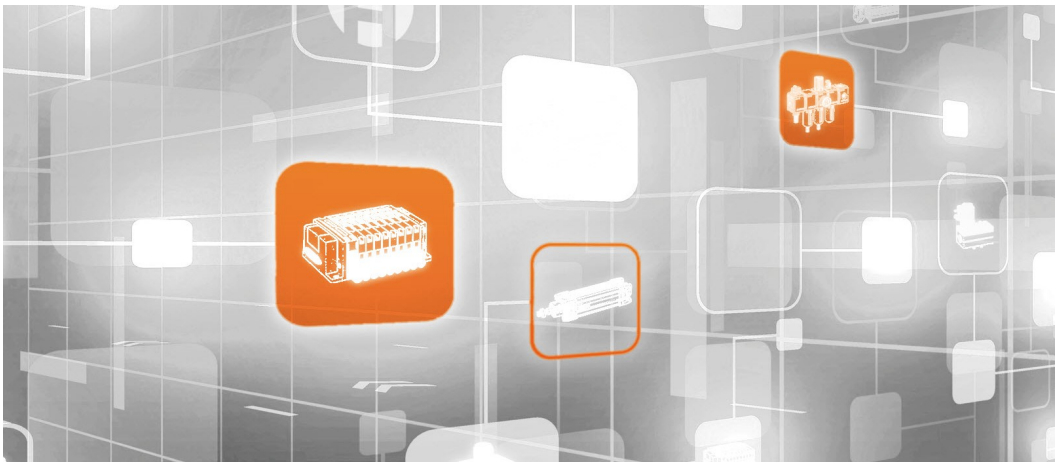

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