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Filter, Series MU1-FLS

- G 1
- filter porosity 40 µm
- suitable for ATEX

Version	Standard filter
Parts	Filter
Mounting orientation	vertical
Working pressure min./max.	See table
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
filter porosity	40 µm
Condensate drain	See table
Weight	1,5 kg

Technical data

Part No.	Port	Qn	Working pressure min./max.
R412007587	G 1	12500 l/min	1,5 ... 16 bar
9155520220	G 1	12500 l/min	0 ... 25 bar
R412007588	G 1 1/4	12500 l/min	1,5 ... 16 bar
R412006583	G 1 1/4	12500 l/min	1,5 ... 16 bar
R412006565	G 1 1/4	12500 l/min	0 ... 25 bar
R412007599	G 1 1/2	12500 l/min	1,5 ... 16 bar
R412006566	G 1 1/2	12500 l/min	0 ... 25 bar

Part No.	Condensate drain	Protective guard	ATEX	
R412007587	semi-automatic, open without pressure	Steel	suitable for ATEX	1)
9155520220	fully automatic, open without pressure	-	suitable for ATEX	1)
R412007588	semi-automatic, open without pressure	Steel	suitable for ATEX	1)
R412006583	fully automatic, open without pressure	-	suitable for ATEX	1)
R412006565	Manual	-	suitable for ATEX	1)
R412007599	fully automatic, open without pressure	-	suitable for ATEX	1)
R412006566	Manual	-	-	-

Technical information

The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
mounting: for installing in piping or via 2 through-holes in housing

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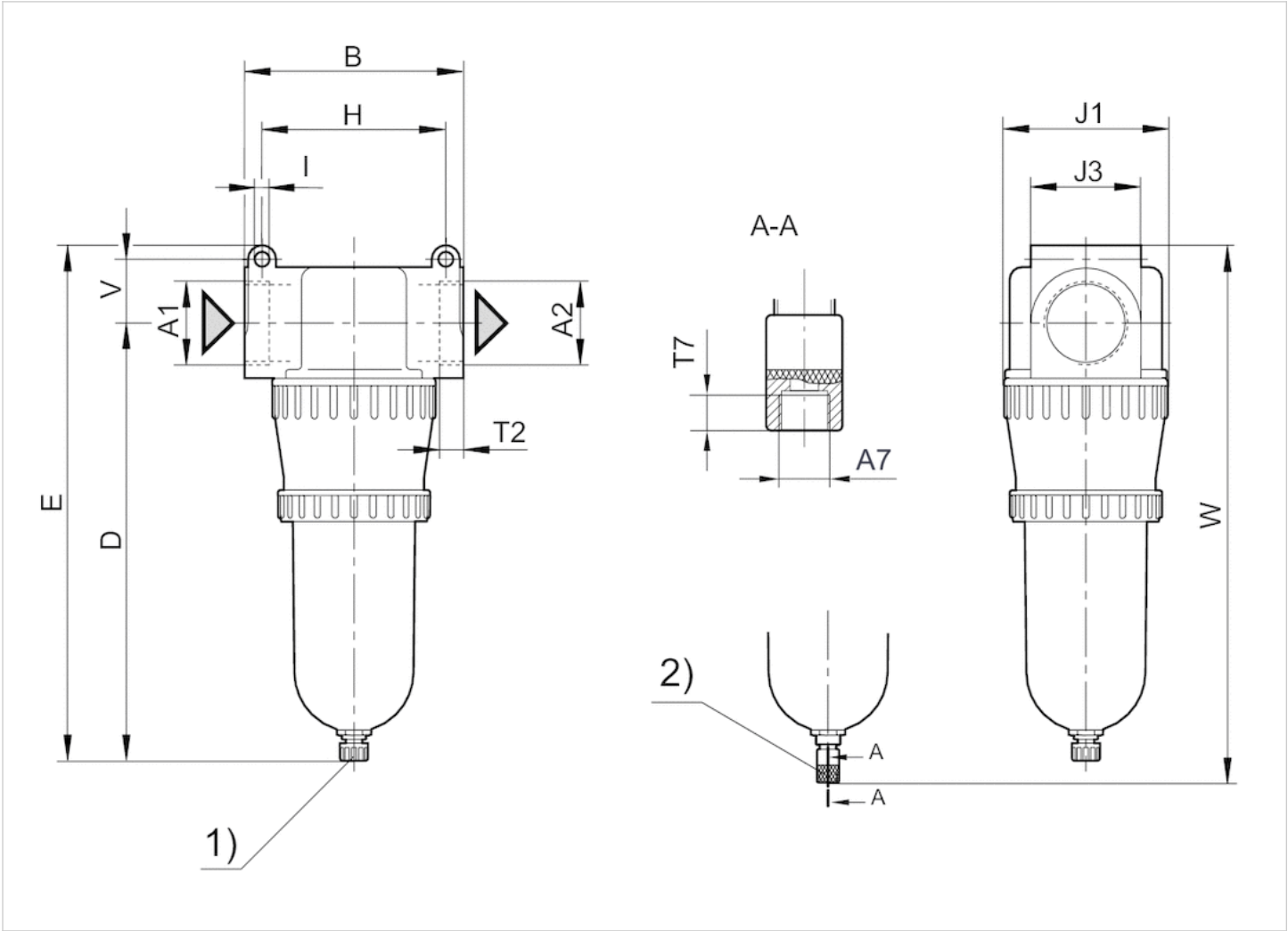
Technical information

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

Dimensions

Dimensions



1) manual + semi-automatic 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	G 1	G 1/8	125	250	286.5	105	8.5	100	63	25	8.5	36.5	307
G 1	G 1	G 1/8	125	250	286.5	105	8.5	100	63	25	8.5	36.5	307

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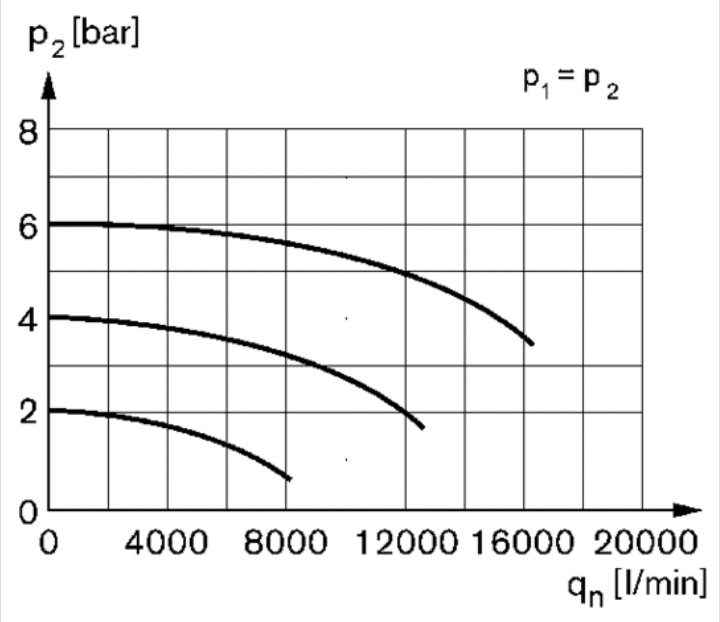
A1	A2	A7	B ±7	D ±7	E ±7	H	I	J1	J3	T2	T7	V ±5	W ±7
G 1 1/4	G 1 1/4	G 1/8	125	250	286.5	105	8.5	100	63	25	8.5	36.5	307
G 1 1/2	G 1 1/2	G 1/8	125	250	286.5	105	8.5	100	63	25	8.5	36.5	307

Diagrams

Flow rate characteristic



p2 = secondary pressureqn = nominal flow