

Preparation of compressed air ► Maintenance units and components

Filter pressure regulator, Series AS2-FRE

► G 1/4 - G 3/8 ► filter porosity: 5 µm ► lockable ► for padlocks ► with pressure gauge ► suitable for ATEX



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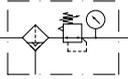
Version	1-in-1, Can be assembled into blocks
Parts	Filter, Pressure regulator
Mounting orientation	vertical
Working pressure min./max.	See table below
Medium	Compressed air Neutral gases
Medium temperature min./max.	+14 °F / +122 °F
Ambient temperature min./max.	+14 °F / +122 °F
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Adjustment range min./max.	See table below
Pressure supply	single
Filter reservoir volume	0.95 fl.oz.
Filter element	exchangeable
Condensate drain	See table below
Materials:	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Threaded bushing	Die cast zinc
Filter insert	Polyethylene

Technical Remarks

- The pressure dew point must be at least 27 °F under ambient and medium temperature and may not exceed 37 °F.
- Note: Polycarbonate reservoirs are susceptible to solvents, supplementary information can be found at "Customer information".
- Suitable for use in Ex zones 1, 2, 21, 22

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	Port	Qn	Working pressure min./max.	Adjustment range min./max.	Condensate drain	Weight	Note	Part No.
	G 1/4	2.1	22 / 232	8 / 116	semi-automatic, open without pressure	0.8686	1); 3)	R412006200
	G 1/4	2.1	22 / 232	8 / 116	fully automatic, open without pressure	0.9634	1); 3)	R412006201
	G 1/4	2.1	0 / 232	8 / 116	fully automatic, closed without pressure	0.9634	1); 3)	R412006202
	G 1/4	2.1	22 / 232	8 / 116	semi-automatic, open without pressure	1.34	2)	R412006206
	G 1/4	2.1	22 / 232	8 / 116	fully automatic, open without pressure	1.46	2)	R412006207
	G 1/4	2.1	0 / 232	8 / 116	fully automatic, closed without pressure	1.46	2)	R412006208
	G 1/4	2.1	22 / 232	8 / 145	semi-automatic, open without pressure	0.8686	1); 3)	R412006196
	G 1/4	2.1	22 / 232	8 / 145	fully automatic, open without pressure	0.9634	1); 3)	R412006197
	G 1/4	2.1	0 / 232	8 / 145	fully automatic, closed without pressure	0.9634	1); 3)	R412006198
	G 3/8	2.6	22 / 232	8 / 116	semi-automatic, open without pressure	0.9634	1); 3)	R412006209
	G 3/8	2.6	22 / 232	8 / 116	fully automatic, open without pressure	0.9634	1); 3)	R412006210
	G 3/8	2.6	0 / 232	8 / 116	fully automatic, closed without pressure	0.9634	1); 3)	R412006211
	G 3/8	2.6	22 / 232	8 / 116	semi-automatic, open without pressure	1.31	2)	R412006215
	G 3/8	2.6	22 / 232	8 / 116	fully automatic, open without pressure	1.43	2)	R412006216
	G 3/8	2.6	0 / 232	8 / 116	fully automatic, closed without pressure	1.43	2)	R412006217
	G 3/8	2.6	22 / 232	8 / 145	semi-automatic, open without pressure	1.31	1); 3)	R412006212
	G 3/8	2.6	22 / 232	8 / 145	fully automatic, open without pressure	1.43	1); 3)	R412006213
	G 3/8	2.6	0 / 232	8 / 145	fully automatic, closed without pressure	1.43	1); 3)	R412006214

1) Reservoir: Polycarbonate

2) Reservoir: Die cast zinc

3) Protective guard: Polyamide

Pressure gauge enclosed separately

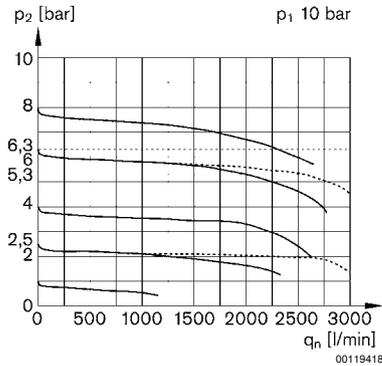
Nominal flow Qn with secondary pressure p2 = 87 psi at Δp = 14.5 psi

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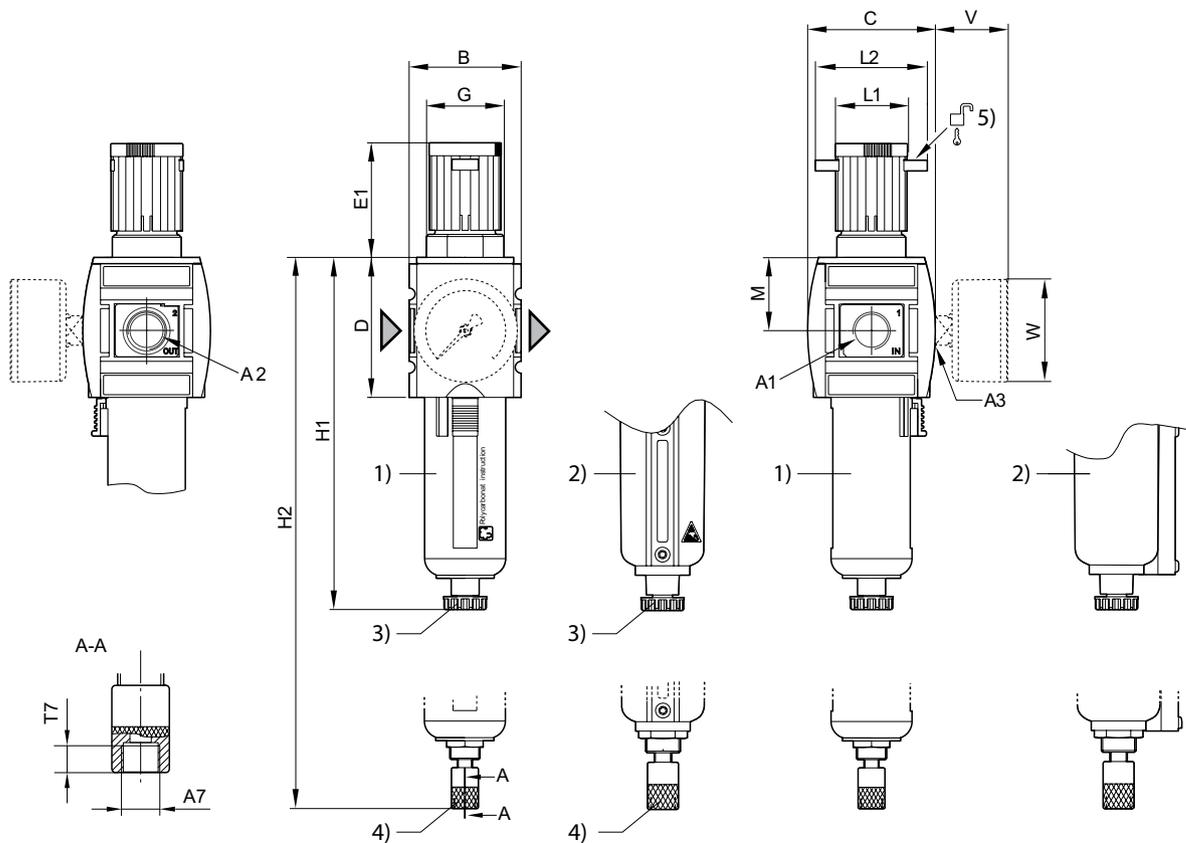
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Flow rate characteristic



p1 = Working pressure
 p2 = Secondary pressure
 qn = Nominal flow

Dimensions



- A1 = input
- A2 = output
- A3 = pressure gauge connection
- 1) Plastic reservoir and protective guard with window
- 3) Metal reservoir
- 3) Semi-automatic condensate drain
- 4) Fully automatic condensate drain
- 5) Mounting option for padlocks; max. shackle Ø 8

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All dimensions in mm, unless specified otherwise.

Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for more detailed information

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A1	A2	A3	A7	B	C	D	E1	G	H1	H2	L1	L2
G 1/4	G 1/4	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	163.5	--	34	54
G 1/4	G 1/4	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	--	180.5	34	54
G 3/8	G 3/8	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	163.5	--	34	54
G 3/8	G 3/8	G 1/4	G 1/8	52	59	65	57.9	M36x1,5	--	180.5	34	54

A1	M	T7	V	W								
G 1/4	34	8.5	37	50								
G 1/4	34	8.5	37	50								
G 3/8	34	8.5	37	50								
G 3/8	34	8.5	37	50								