

Preparation of compressed air → Maintenance units and components

Maintenance unit, 2-part, Series AS2-ACD

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



00119382

ATEX	II 2G2D T4 X
Version	2-in-1, Can be assembled into blocks
Parts	Filter pressure regulator, lubricator
Mounting orientation	vertical
Working pressure min./max.	See table below
Medium	Compressed air
Medium temperature min./max.	-10 °C / +50 °C
Ambient temperature min./max.	-10 °C / +50 °C
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Adjustment range min./max.	0.5 bar / 8 bar
Pressure supply	single
Filter reservoir volume	28 cm ³
Filter element	exchangeable
Condensate drain	See table below
Lubricator reservoir volume	40 cm ³
Type of filling	Manual oil filling Semi-automatic oil filling during operation
Oil type	HLP 68 (DIN 51 524 - ISO VG 68) HLP 32 (DIN 51 524 - ISO VG 32)
Materials:	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Threaded bushing	Die cast zinc
Filter insert	Polyethylene

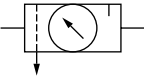
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Oil dosing at 1000 l/min [drops/min]: 1-2
- Max. residual oil content acc. to ISO 8573-4 at the outlet: 10 mg/m³

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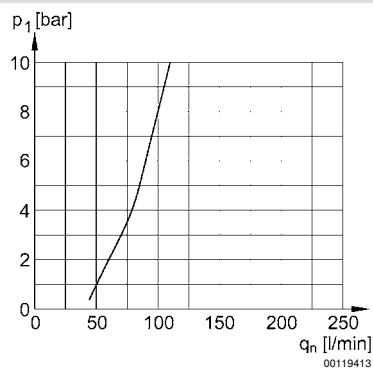
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	Port	Qn	Working pressure	Condensate drain	Weight	Note	Part No.
		[l/min]	min./max. [bar]				
	G 1/4	1800	1.5 / 16	semi-automatic, open without pressure	0.633	1); 3)	R412006298
	G 1/4	1800	1.5 / 16	semi-automatic, open without pressure	0.633	2)	R412006304
	G 1/4	1800	1.5 / 16	fully automatic, open without pressure	0.676	1); 3)	R412006299
	G 1/4	1800	1.5 / 16	fully automatic, open without pressure	0.676	2)	R412006305
	G 1/4	1800	0 / 16	fully automatic, closed without pressure	0.676	1); 3)	R412006300
	G 1/4	1800	0 / 16	fully automatic, closed without pressure	0.676	2)	R412006306
	G 3/8	2000	1.5 / 16	semi-automatic, open without pressure	0.633	1); 3)	R412006307
	G 3/8	2000	1.5 / 16	fully automatic, open without pressure	0.676	1); 3)	R412006308
	G 3/8	2000	0 / 16	fully automatic, closed without pressure	0.676	1); 3)	R412006309
	G 3/8	2000	1.5 / 16	semi-automatic, open without pressure	0.633	2)	R412006313
	G 3/8	2000	1.5 / 16	fully automatic, open without pressure	0.676	2)	R412006314
	G 3/8	2000	0 / 16	fully automatic, closed without pressure	0.676	2)	R412006315

1) Reservoir: Polycarbonate
 2) Reservoir: Die cast zinc
 3) Protective guard: Polyamide
 Nominal flow Qn at p1 = 6.3 bar and Δp = 1 bar

Lubricator activation margin



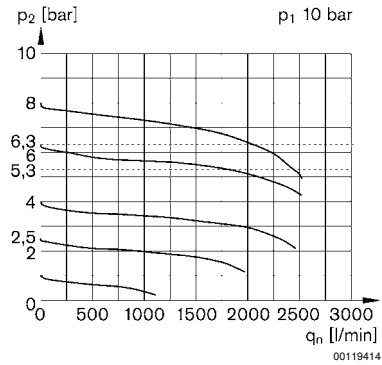
p1 = working pressure
 qn = nominal flow

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Flow rate characteristic (p2: 0,5 - 8 bar)

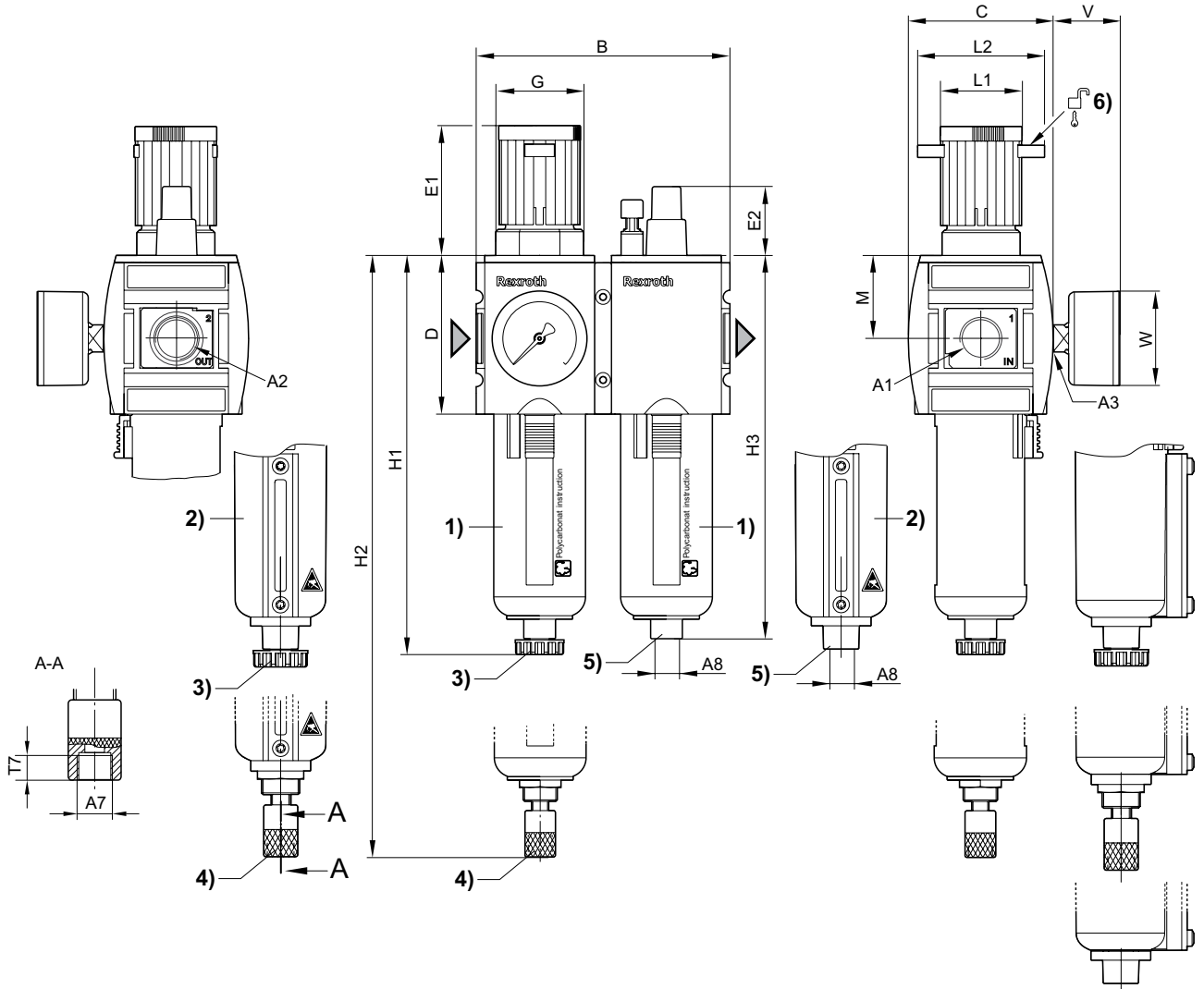


p_1 = Working pressure
 p_2 = Secondary pressure
 q_n = Nominal flow

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Dimensions

00133993

- 1) Plastic reservoir and protective guard with window
- 2) Metal reservoir with level indicator
- 3) Semi-automatic condensate drain
- 4) Fully automatic condensate drain
- 5) Port for semi-automatic oil filling
- 6) Mounting option for padlocks; max. shackle \varnothing 8

A1	A2	A3	A7	A8	B	C	D	E1	E2	G	H1	H2
G 1/4	G 1/4	G 1/4	G 1/8	G 1/8	104	59	65	57.9	29.5	M36x1,5	163.5	180.5
G 3/8	G 3/8	G 1/4	G 1/8	G 1/8	104	59	65	57.9	29.5	M36x1,5	163.5	180.5
A1	H3	M	L1	L2	T7	V	W					
G 1/4	157	34	34	54	8.5	37	50					
G 3/8	157	34	34	54	8.5	37	50					