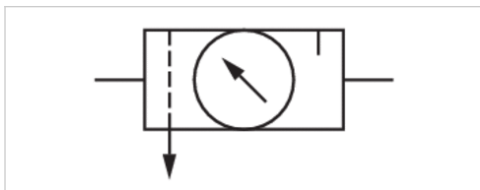


Maintenance unit, 3-part, Series AS5- ACT

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



Version	3-part, Can be assembled into blocks
Parts	Filter, Pressure regulator, Lubricator
Mounting orientation	vertical
Working pressure min./max.	See table below
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air, Neutral gases
Oil type	HLP 32 (DIN 51 524 - ISO VG 32), HLP 68 (DIN 51 524 - ISO VG 68)
Nominal flow Qn	12300 l/min
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Adjustment range min./max.	0.5 ... 8 bar
Pressure supply	single
Filter reservoir volume	87 cm ³
Filter element	exchangeable
Condensate drain	See table below
Lubricator reservoir volume	181 cm ³
Type of filling	Semi-automatic oil filling during operation, Manual oil filling
Weight	See table below

Technical data

Part No.	Port	Flow	Working pressure min./max.	Condensate drain	Weight
		Qn			
R412009320	G 3/4	12300 l/min	0 ... 16 bar	fully automatic, closed without pressure	2.68 kg
R412009329	G 1	12300 l/min	0 ... 16 bar	fully automatic, closed without pressure	2.68 kg
R412009318	G 3/4	12300 l/min	1.5 ... 16 bar	semi-automatic, open without pressure	2.63 kg
R412009327	G 1	12300 l/min	1.5 ... 16 bar	semi-automatic, open without pressure	2.63 kg
R412009319	G 3/4	12300 l/min	1.5 ... 16 bar	fully automatic, open without pressure	2.68 kg
R412009328	G 1	12300 l/min	1.5 ... 16 bar	fully automatic, open without pressure	2.68 kg

Nominal flow Qn with secondary pressure p2 = 6 bar at $\Delta p = 1$ bar

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".

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

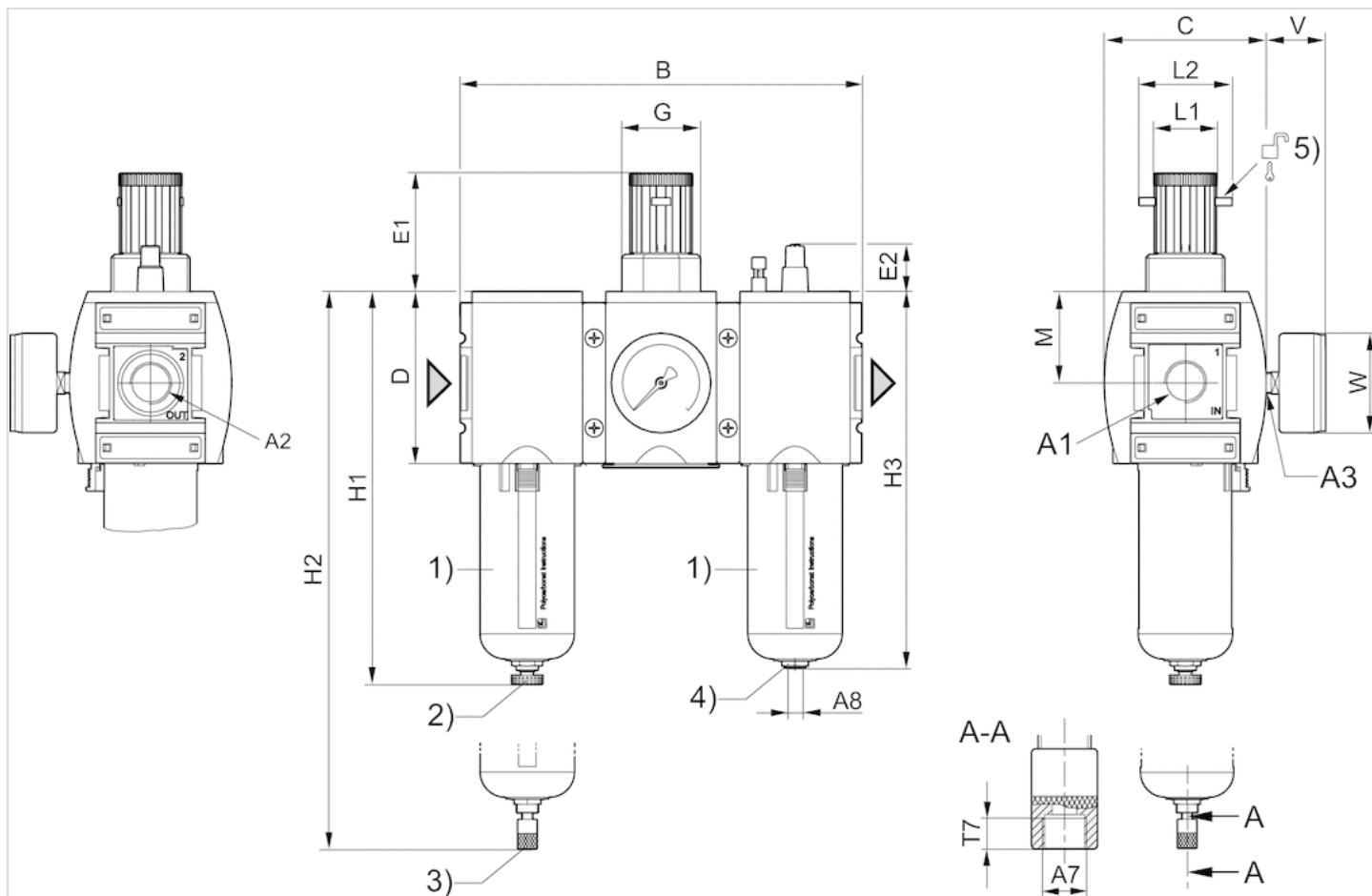
Oil dosing at 1000 l/min,[drops/min] 1-2

Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc
Reservoir	Polycarbonate
Protective guard	Polyamide
Filter insert	Polyethylene

Dimensions

Dimensions



A1 = input

A2 = output

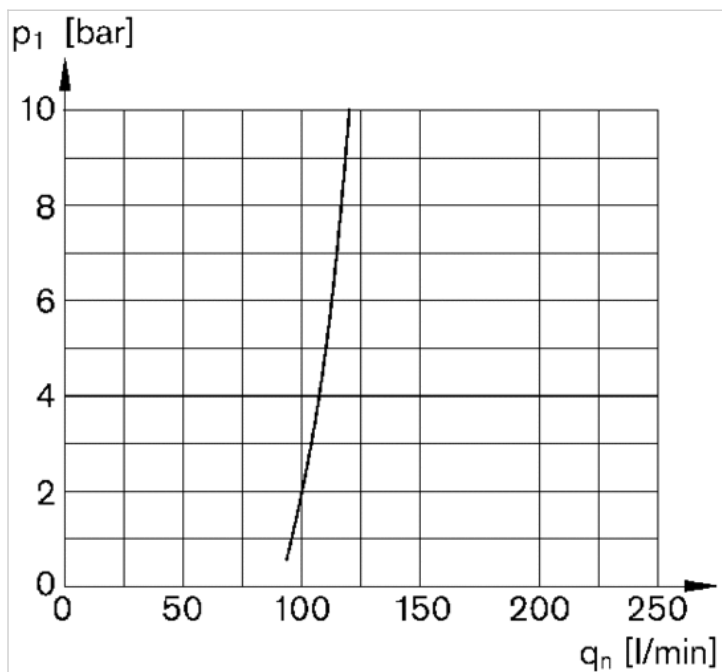
A3 = pressure gauge connection 1) Plastic reservoir and protective guard with window 2) Semi-automatic condensate drain 3) Fully automatic condensate drain 4) Port for semi-automatic oil filling 5) Mounting option for padlocks; max. shackle Ø 8

Dimensions

A1	A2	A3	A7	A8	B	C	D	E1	E2	G	H1	H2	H3	L1	L2	M	T7	V	W
G 3/4	G 3/4	G 1/4	G 1/8	G 1/8	255	103	109	75	30.5	M50x1,5	250	266	239	41	60	58	8.5	38	63
G 1	G 1	G 1/4	G 1/8	G 1/8	255	103	109	75	30.5	M50x1,5	250	266	239	41	60	58	8.5	38	63
G 3/4	G 3/4	G 1/4	G 1/8	G 1/8	255	103	109	75	30.5	M50x1,5	250	266	239	41	60	58	8.5	38	63
G 1	G 1	G 1/4	G 1/8	G 1/8	255	103	109	75	30.5	M50x1,5	250	266	239	41	60	58	8.5	38	63
G 3/4	G 3/4	G 1/4	G 1/8	G 1/8	255	103	109	75	30.5	M50x1,5	250	266	239	41	60	58	8.5	38	63
G 1	G 1	G 1/4	G 1/8	G 1/8	255	103	109	75	30.5	M50x1,5	250	266	239	41	60	58	8.5	38	63

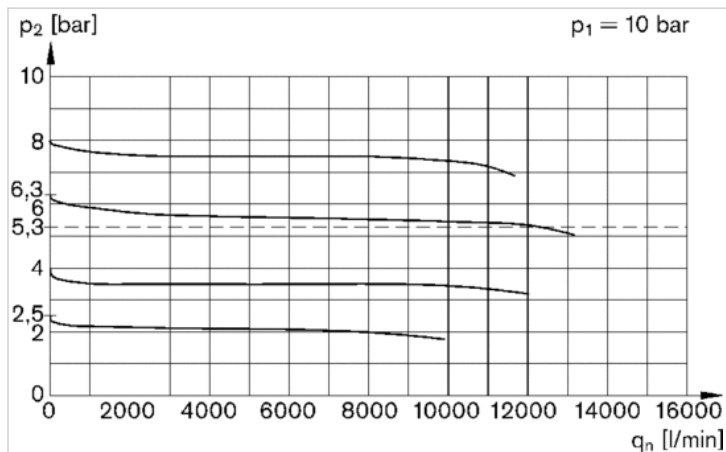
Diagrams

Lubricator activation margin



p1 = working pressure
qn = nominal flow

Flow rate characteristic (setting range p2: 0.5 - 8 bar)



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