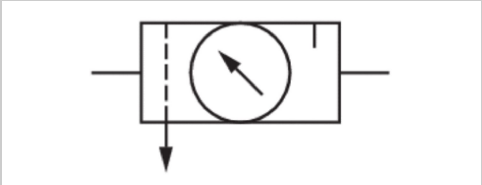
Maintenance unit, 2-part, Series AS2-ACD

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



Version	2-part, Can be assembled into blocks
Parts	Filter pressure regulator, Lubricator
Mounting orientation	vertical
Certificates	suitable for ATEX
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
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	28 cm³
Filter element	exchangeable
Lubricator reservoir volume	40 cm³
Type of filling	Manual oil filling Semi-automatic oil filling during operation
Weight	See table below

Technical data

Part No.	Port	filter porosity	Flow Qn	Working pressure min./max.
R412006298	G 1/4	5 µm	1800 l/min	1,5 ... 16 bar
R412006304	G 1/4	5 µm	1800 l/min	1,5 ... 16 bar
R412006299	G 1/4	5 µm	1800 l/min	1,5 ... 16 bar
R412006305	G 1/4	5 µm	1800 l/min	1,5 ... 16 bar
R412006300	G 1/4	5 µm	1800 l/min	0 ... 16 bar
R412006306	G 1/4	5 µm	1800 l/min	0 ... 16 bar
R412006307	G 3/8	5 µm	2000 l/min	1,5 ... 16 bar
R412006308	G 3/8	5 µm	2000 l/min	1,5 ... 16 bar
R412006309	G 3/8	5 µm	2000 l/min	0 ... 16 bar
R412006313	G 3/8	5 µm	2000 l/min	1,5 ... 16 bar
R412006314	G 3/8	5 µm	2000 l/min	1,5 ... 16 bar
R412006315	G 3/8	5 µm	2000 l/min	0 ... 16 bar

Part No.	Condensate drain	Reservoir	Protective guard
R412006298	semi-automatic, open without pressure	Polycarbonate	Polyamide
R412006304	semi-automatic, open without pressure	Die cast zinc	-
R412006299	fully automatic, open without pressure	Polycarbonate	Polyamide

Part No.	Condensate drain	Reservoir	Protective guard
R412006305	fully automatic, open without pressure	Die cast zinc	-
R412006300	fully automatic, closed without pressure	Polycarbonate	Polyamide
R412006306	fully automatic, closed without pressure	Die cast zinc	-
R412006307	semi-automatic, open without pressure	Polycarbonate	Polyamide
R412006308	fully automatic, open without pressure	Polycarbonate	Polyamide
R412006309	fully automatic, closed without pressure	Polycarbonate	Polyamide
R412006313	semi-automatic, open without pressure	Die cast zinc	-
R412006314	fully automatic, open without pressure	Die cast zinc	-
R412006315	fully automatic, closed without pressure	Die cast zinc	-

Part No.	ATEX	Weight	
R412006298	suitable for ATEX	0,633 kg	1)
R412006304	suitable for ATEX	0,633 kg	1)
R412006299	suitable for ATEX	0,676 kg	1)
R412006305	suitable for ATEX	0,676 kg	1)
R412006300	suitable for ATEX	0,676 kg	1)
R412006306	suitable for ATEX	0,676 kg	1)
R412006307	suitable for ATEX	0,633 kg	1)
R412006308	suitable for ATEX	0,676 kg	1)
R412006309	suitable for ATEX	0,676 kg	1)
R412006313	-	0,633 kg	-
R412006314	-	0,676 kg	-
R412006315	-	0,676 kg	-

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

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

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

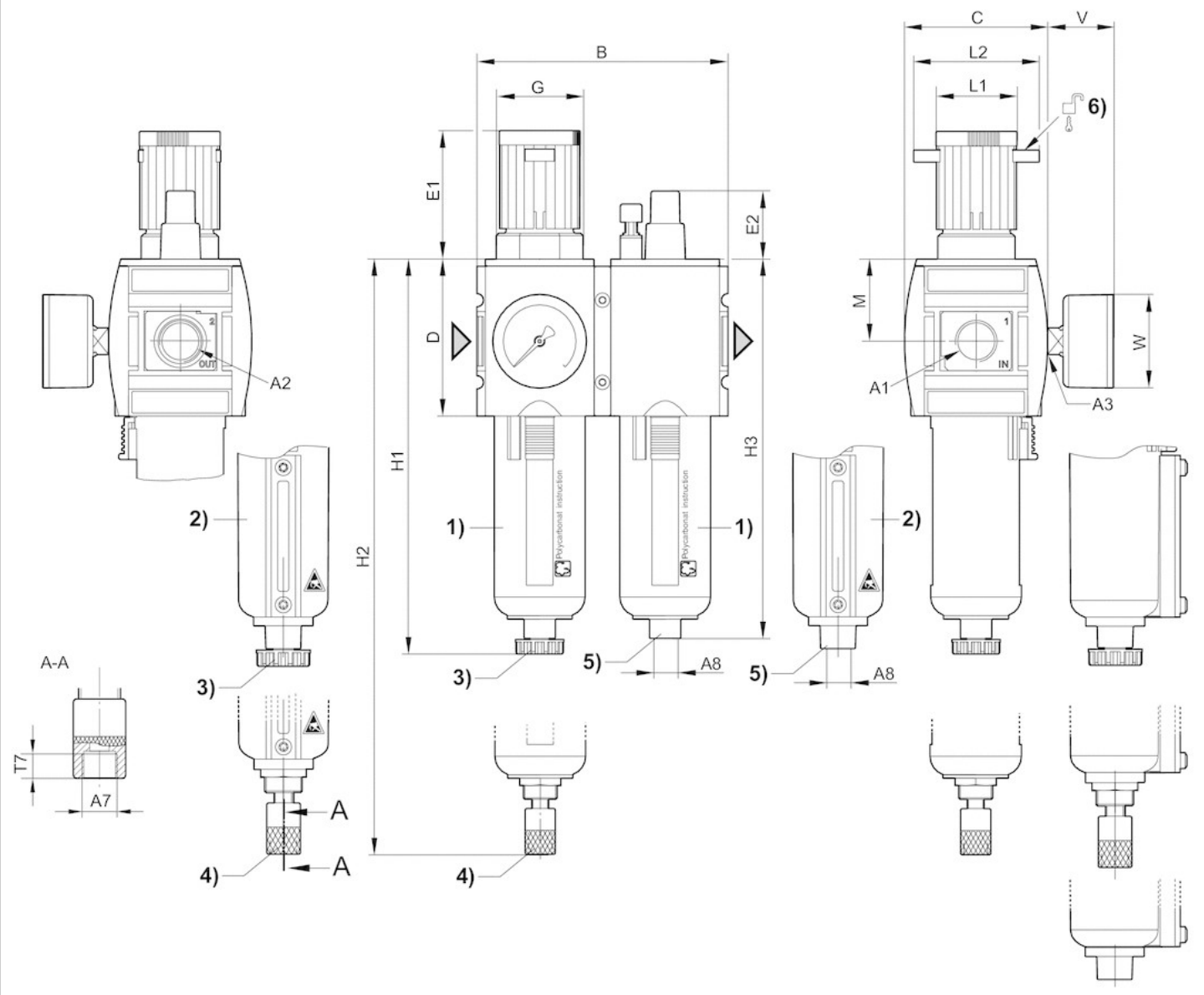
Technical information

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

Material	
Filter insert	Polyethylene

Dimensions

Dimensions



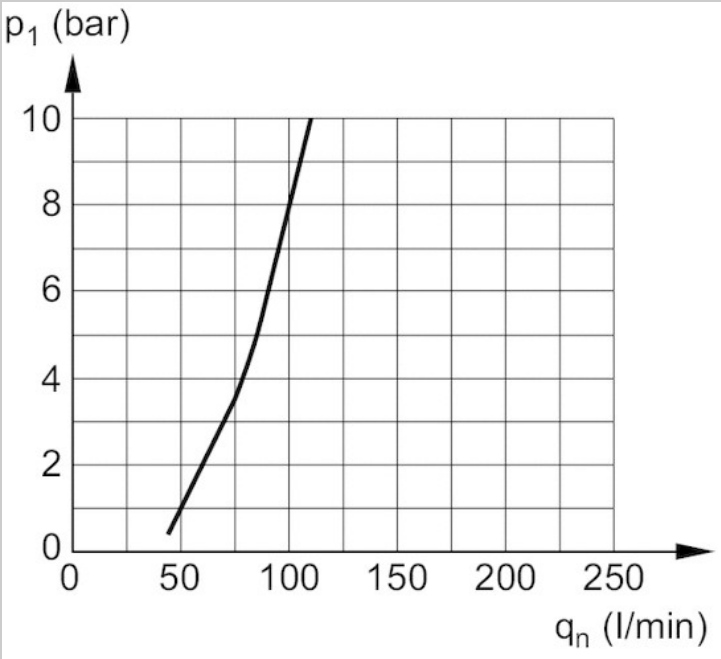
A1 = input
A2 = output
A3 = pressure gauge connection
A7 = condensate drain
1) Plastic reservoir and protective guard with window
2) Metal reservoir with level indicator
3) Semi-automatic condensate drain
4) Fully automatic condensate drain
5) Port for semi-automatic oil filling
6) Mounting option for padlocks, max. shackle Ø 8

Dimensions in mm

A1	A2	A3	A7	A8	B	C	D	E1	E2	G	H1	H2	H3	M	L1	L2	T7	V	W
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	157	34	34	54	8.5	37	50
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	157	34	34	54	8.5	37	50

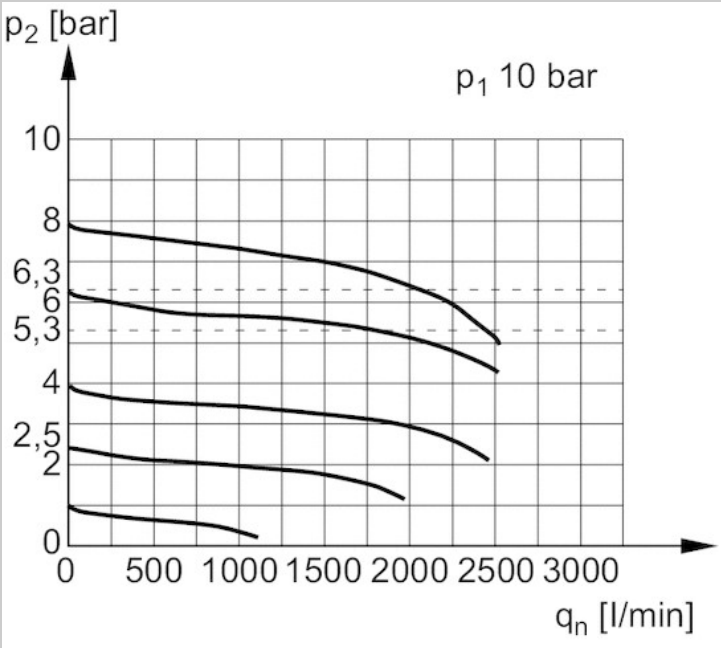
Diagrams

Lubricator activation margin



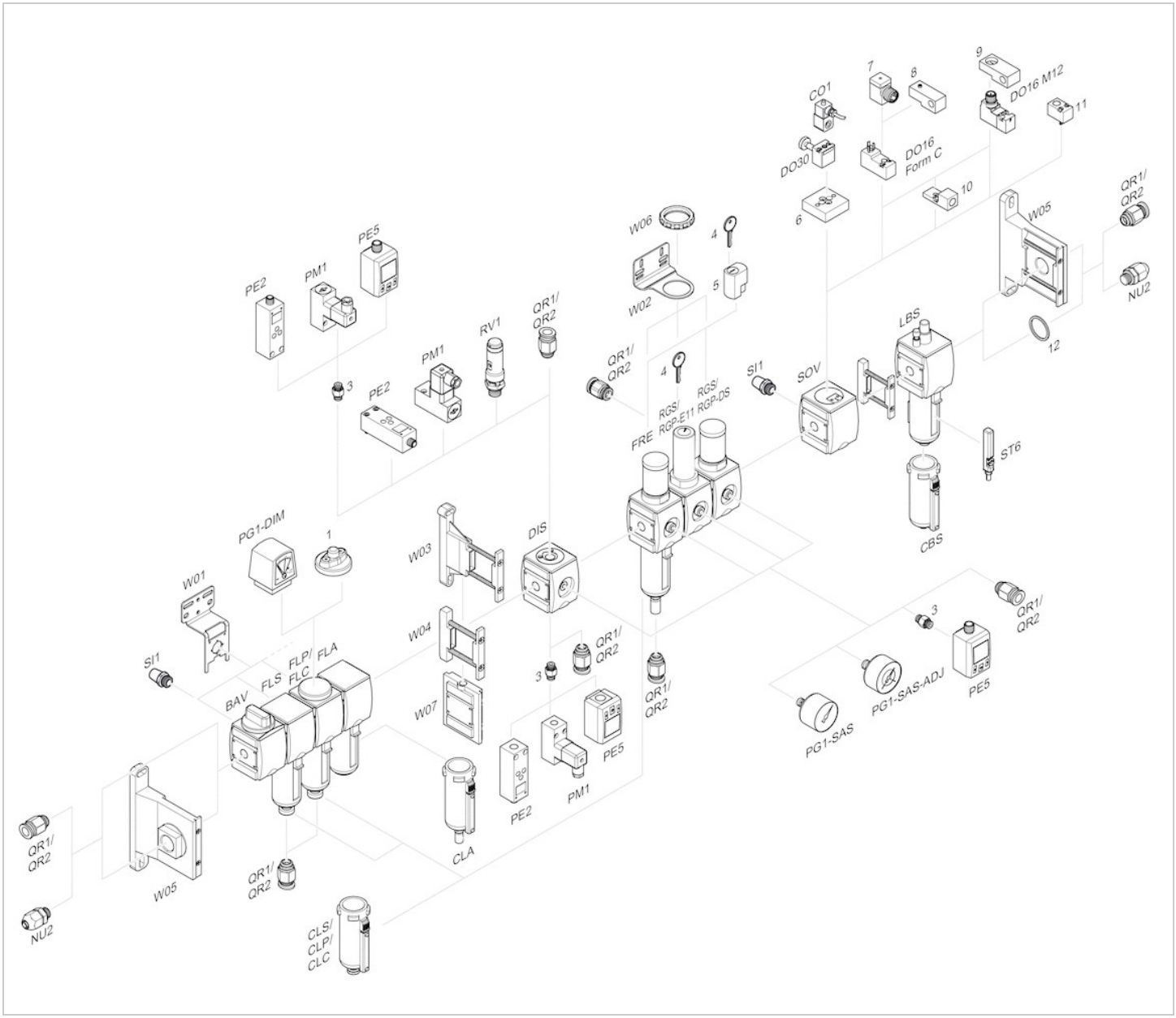
p1 = working pressure
qn = nominal flow

Flow rate characteristic (p2: 05 - 8 bar)



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

Accessories overview



1 = contamination display
3 = Double nipple
4 = Key for E11 locking
5 = mortise lock
6 = Transition plate DO30
7 = Adapter, Series CON-VP
8 = Mounting aid DO16, form C
9 = Mounting aid DO16, M12
10 = Adapter for external pilot air
11 = Adapter pneumatic operation
12 = Sealing ring