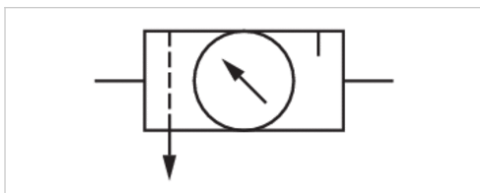


Maintenance unit, 3-part, Series AS1- ACT

- G 1/4
- Air supply left
- filter porosity 5 μm
- With integrated pressure gauge



Version	3-part, Can be assembled into blocks
Parts	Pressure regulator, Filter, Lubricator
Mounting orientation	vertical
Working pressure min./max.	1,5 ... 12 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Nominal flow Qn	480 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	16 cm ³
Filter element	exchangeable
Condensate drain	See table below
Lubricator reservoir volume	35 cm ³
Type of filling	Manual oil filling
Weight	See table below

Technical data

Part No.	Port	Flow	Condensate drain	Weight
		Qn		
R412014675	G 1/4	480 l/min	semi-automatic, open without pressure	0,628 kg
R412014676	G 1/4	480 l/min	fully automatic, open without pressure	0,646 kg
R412014677	G 1/4	480 l/min	fully automatic, closed without pressure	0,646 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".

Also suitable for separation of fluid oil or water due to the design.

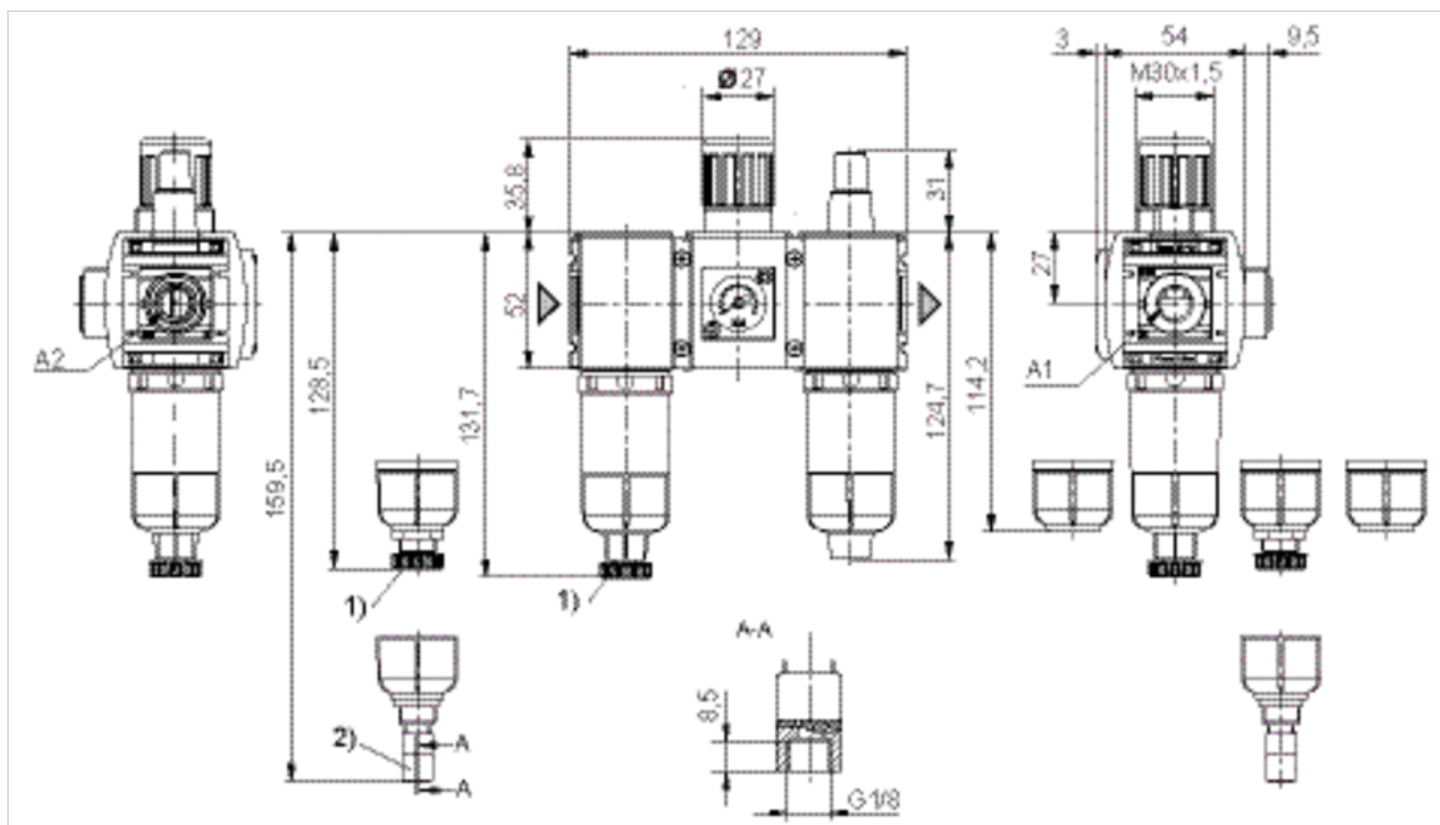
Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene

Material	
Seals	Acrylonitrile butadiene rubber
Reservoir	Polycarbonate
Filter insert	Cellpor

Dimensions

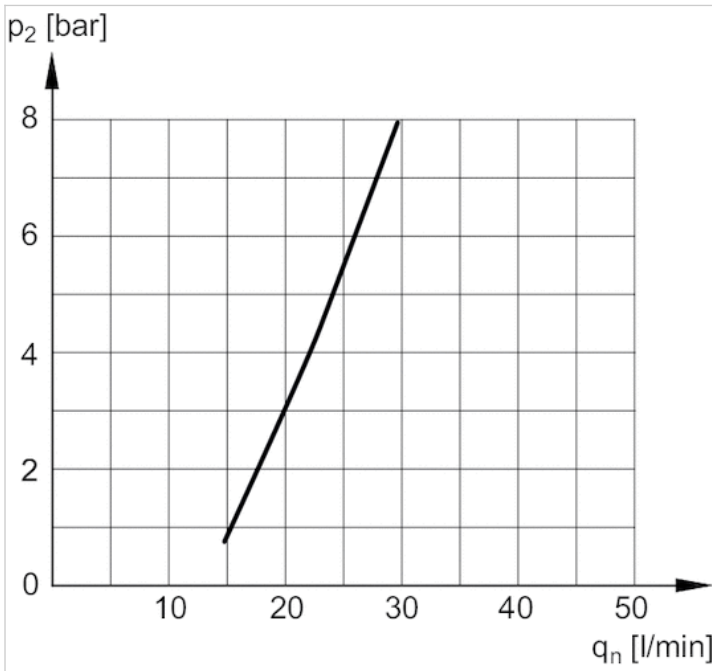
Dimensions



- A1 = input
- 1) A2 = output
- 2) Semi-automatic condensate drain
- Fully automatic condensate drain

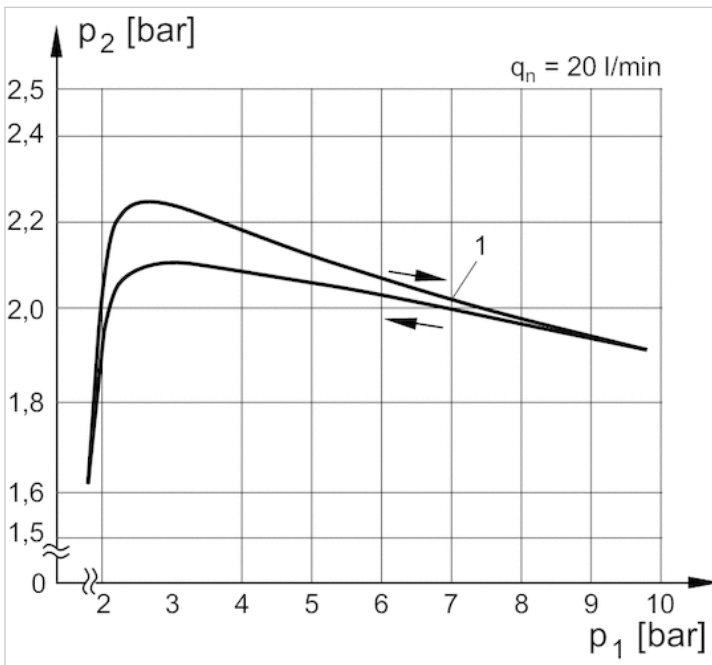
Diagrams

Lubricator activation margin



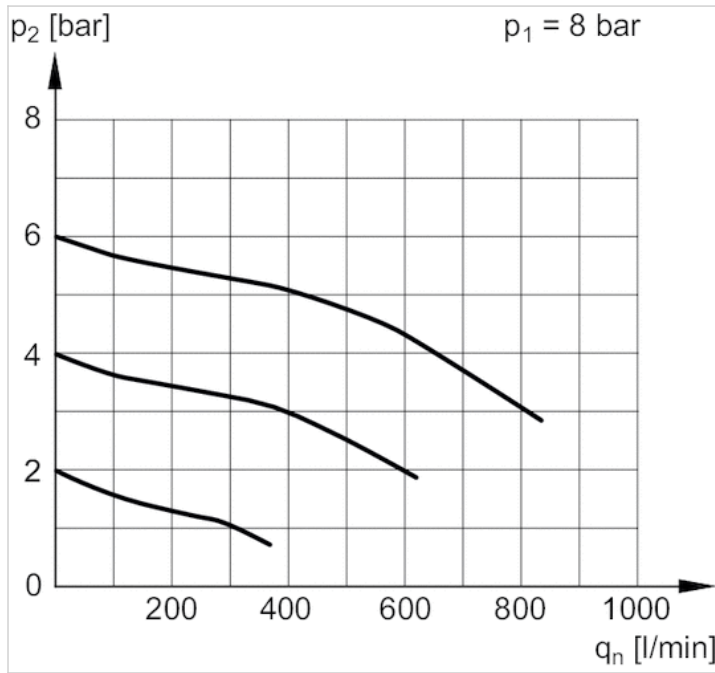
p2 = secondary pressure
qn = nominal flow

Pressure characteristics curve



p1 = Working pressure
p2 = Secondary pressure
qn = Nominal flow
1) = Starting point

Flow rate characteristic



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