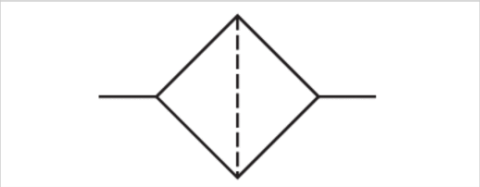


Active carbon filter, Series AS1-FLA

- G 1/4
- Air supply left



Type	Active carbon filter, Can be assembled into blocks
Parts	Active carbon filter
Mounting orientation	vertical
Working pressure min./max.	0 ... 12 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Filter reservoir volume	12 cm³
Filter element	exchangeable
Weight	See table below

Technical data

Part No.	Port	Flow Qn	Version
R412014621	G 1/4	350 l/min	reservoir, polycarbonate, without protective guard
R412014622	G 1/4	350 l/min	reservoir, polycarbonate, with metal protective guard
R412014623	G 1/4	350 l/min	Metal reservoir without window

Part No.	Weight
R412014621	0,171 kg
R412014622	0,204 kg
R412014623	0,232 kg

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 0.1 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".

Recommended pre-filtering 0,01 μm

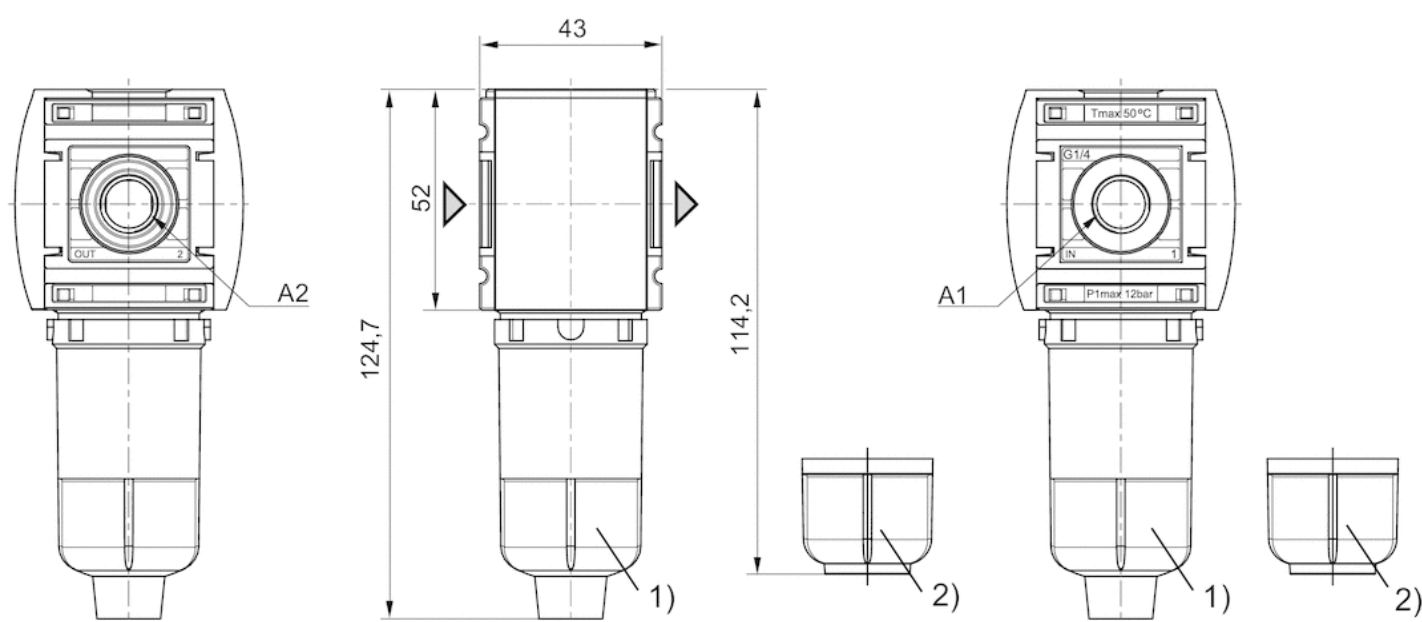
Max. achievable compressed air class acc. to ISO 8573-1:2010 - : - : 1

Technical information

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

Dimensions

Dimensions



A1 = input

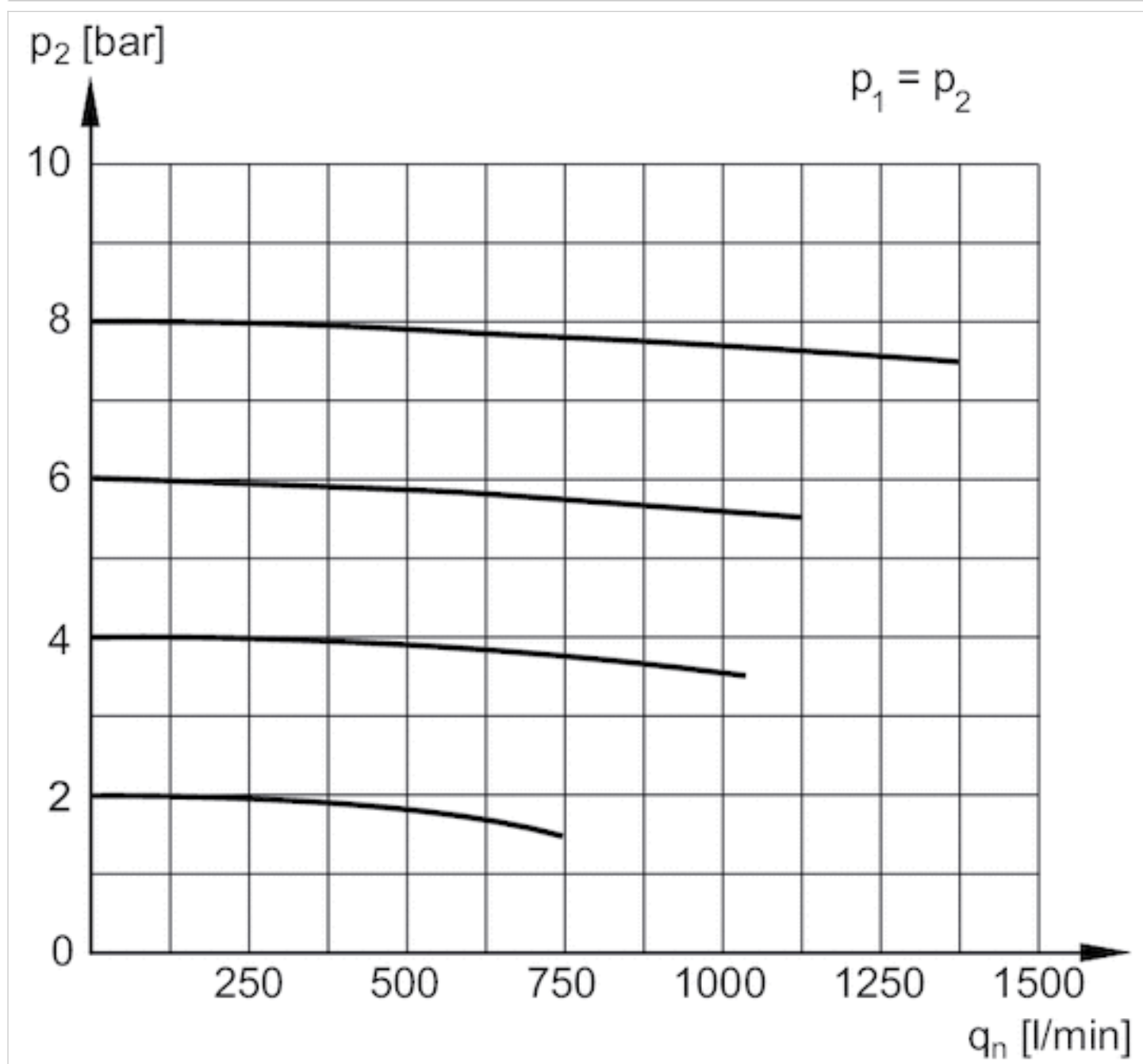
A2 = output

1) Reservoir: polycarbonate

2) Reservoir: metal

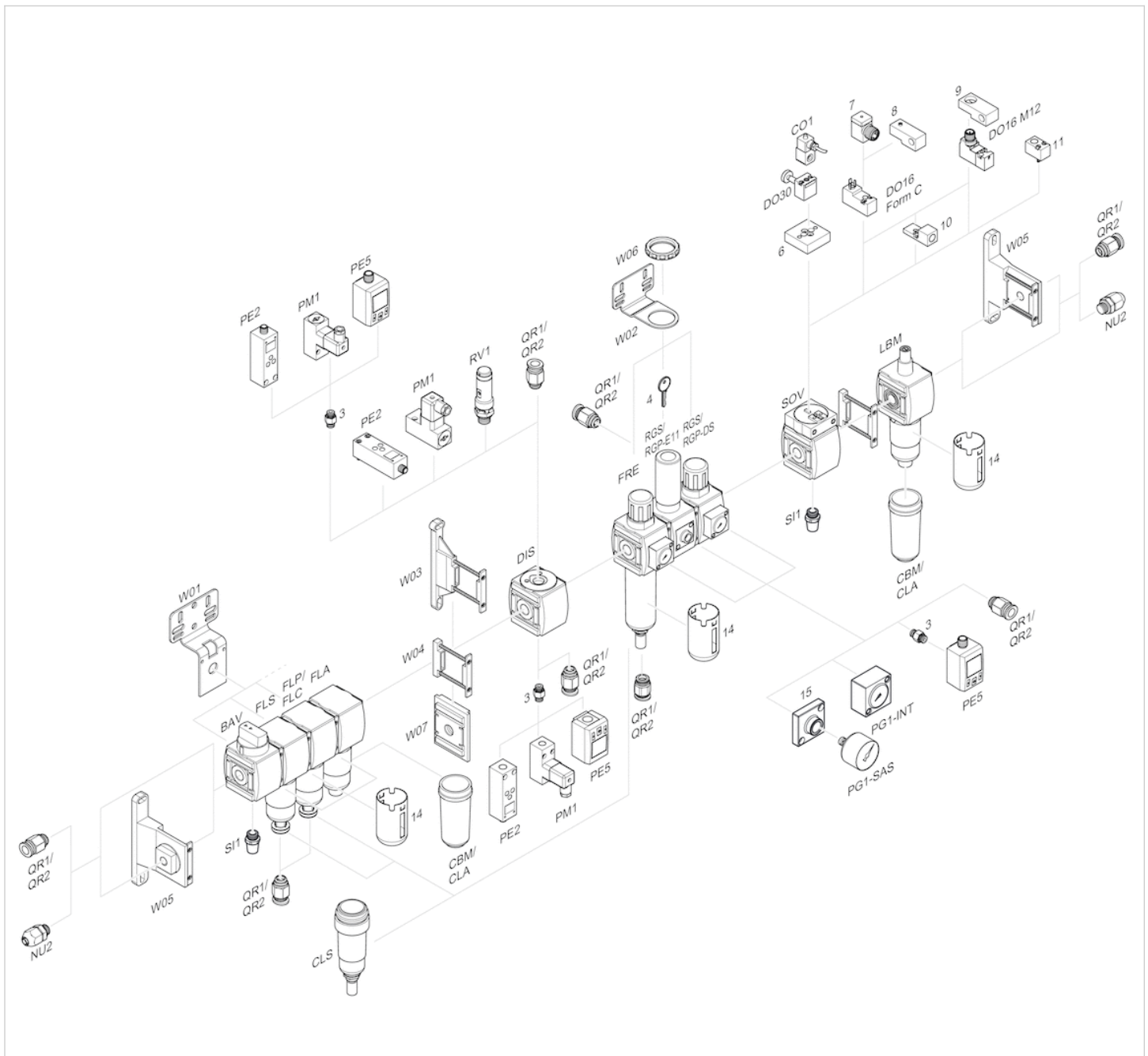
Diagrams

Flow rate characteristic



p_1 = working pressure
 p_2 = secondary pressure
 q_n = nominal flow

Accessories overview



- 3 = Double nipple
- 4 = Key for E11 locking
- 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
- 14 = Protective guard
- 15 = Transition plate for assembling a pressure gauge with connection thread G 1/8

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