

# Pre-filter, Series AS1-FLP

- G 1/4
- Air supply left
- filter porosity 0,3 µm



Type	Pre-filter, Can be assembled into blocks
Parts	Pre-filter
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
Filter reservoir volume	12 cm <sup>3</sup>
Filter element	exchangeable
filter porosity	0,3 µm
Condensate drain	See table below
Weight	See table below



## Technical data

Part No.	Port	Flow Qn	Condensate drain
R412014607	G 1/4	350 l/min	semi-automatic, open without pressure
R412014608	G 1/4	350 l/min	fully automatic, open without pressure
R412014609	G 1/4	350 l/min	fully automatic, closed without pressure
R412014610	G 1/4	350 l/min	semi-automatic, open without pressure
R412014611	G 1/4	350 l/min	semi-automatic, open without pressure
R412014612	G 1/4	350 l/min	fully automatic, open without pressure
R412014613	G 1/4	350 l/min	fully automatic, closed without pressure

Part No.	Version	Weight
R412014607	reservoir, polycarbonate, without protective guard	0,169 kg
R412014608	reservoir, polycarbonate, without protective guard	0,187 kg
R412014609	reservoir, polycarbonate, without protective guard	0,187 kg
R412014610	reservoir, polycarbonate, with metal protective guard	0,202 kg
R412014611	Metal reservoir without window	0,246 kg
R412014612	Metal reservoir without window	0,258 kg
R412014613	Metal reservoir without window	0,258 kg

Nominal flow Qn with secondary pressure p<sub>2</sub> = 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".

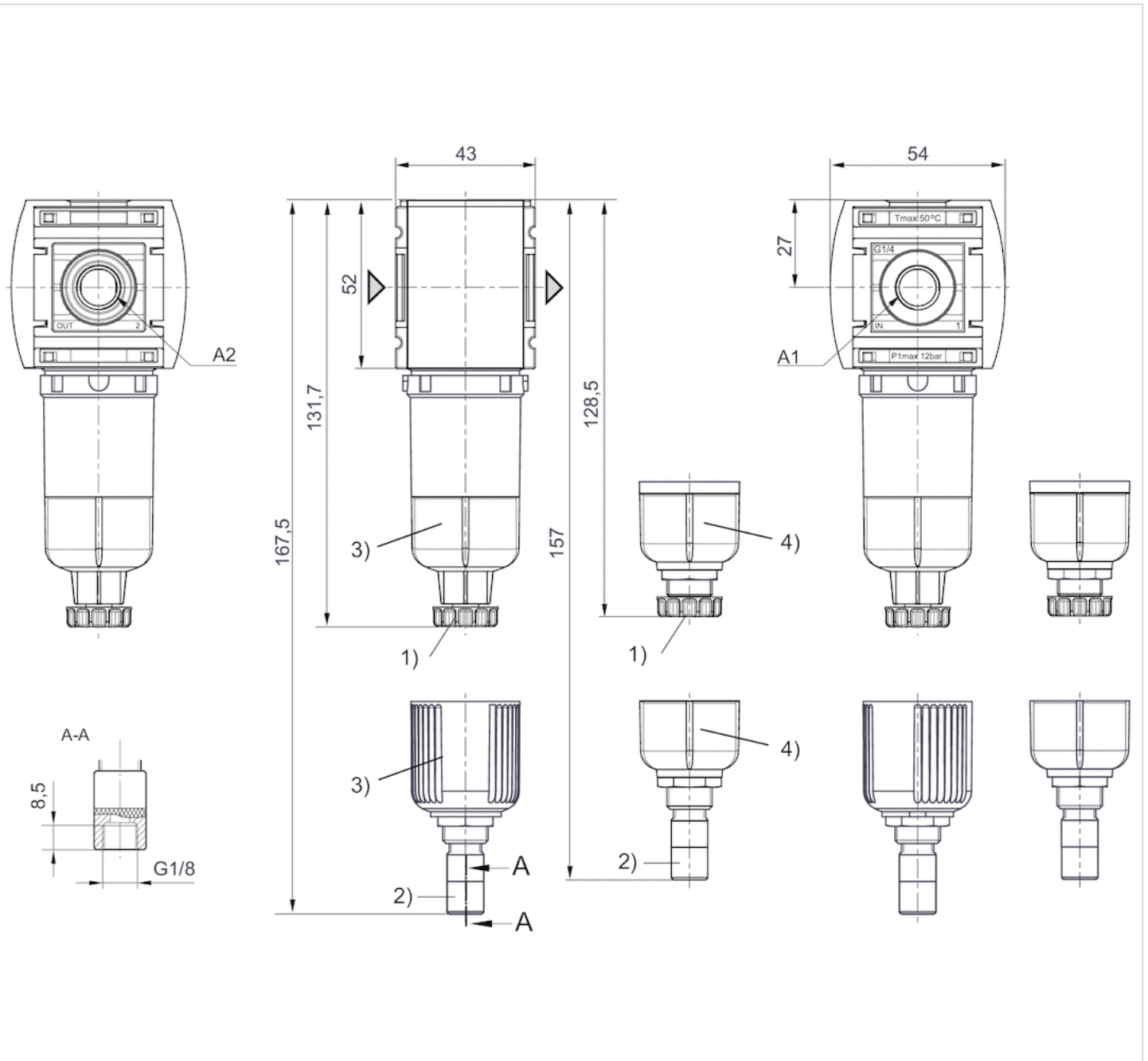
Max. achievable compressed air class acc. to ISO 8573-1:2010 2 : - : 3

## Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Reservoir	Polycarbonate metal
Protective guard	metal
Filter insert	Impregnated paper

# Dimensions

## Dimensions



A1 = input

A2 = output

1) Semi-automatic condensate drain

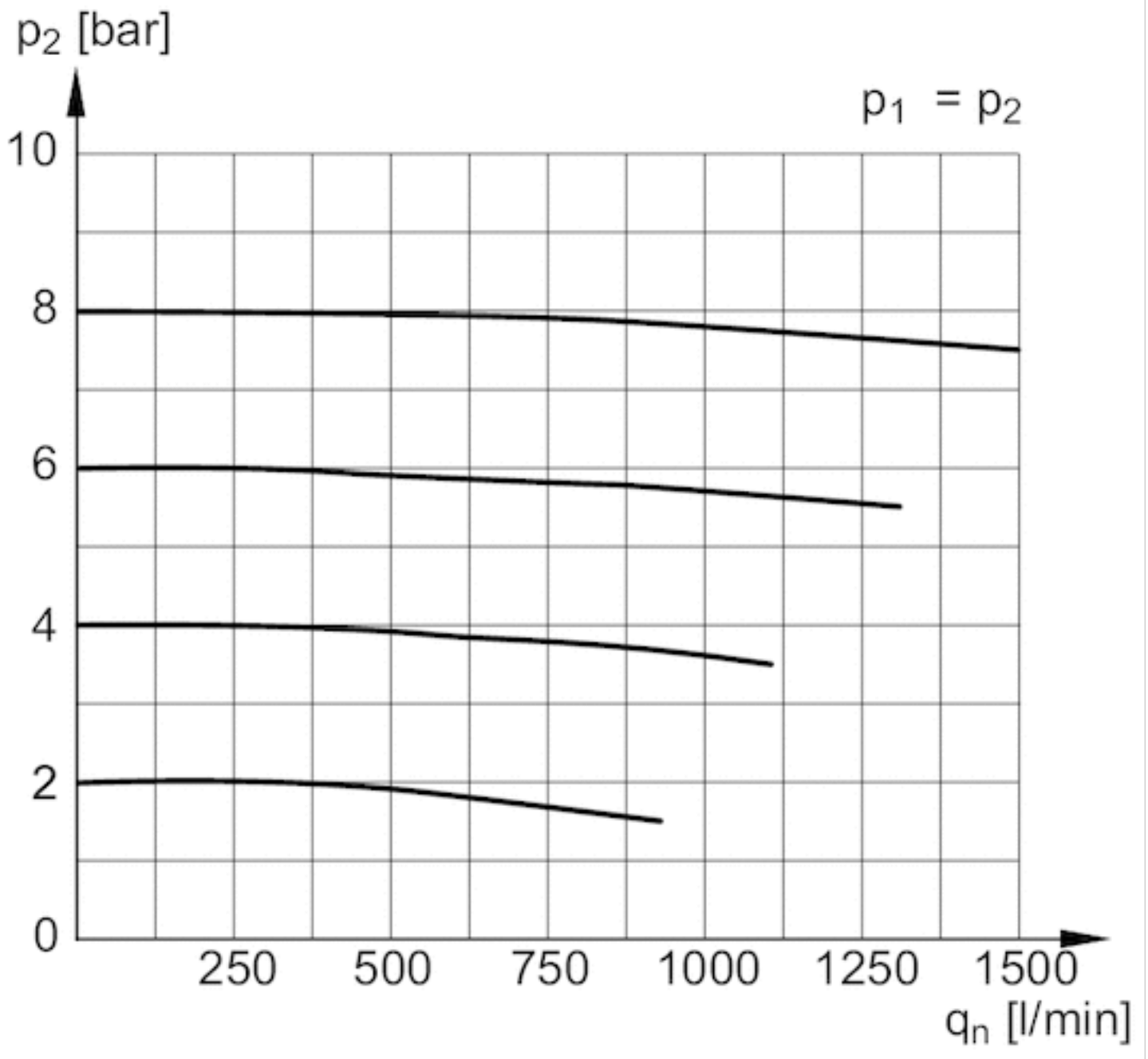
2) Fully automatic condensate drain

3) Reservoir: polycarbonate

4) Reservoir: metal

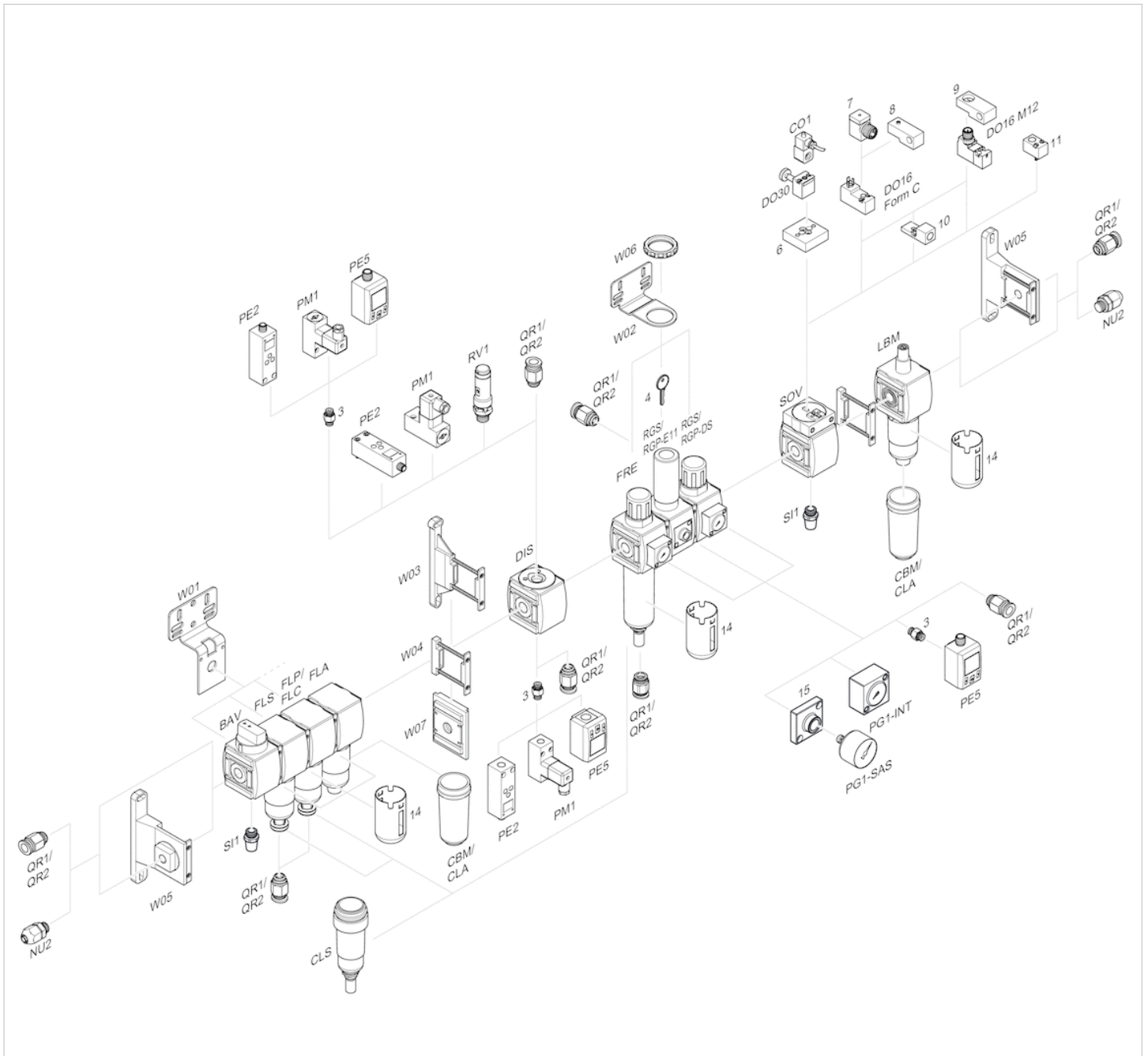
Diagrams

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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