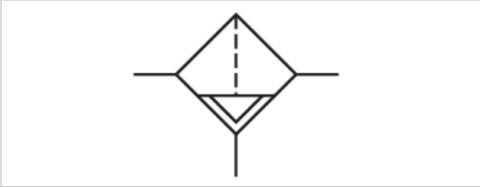
Pre-filter, Series AS5-FLP

- G 3/4 G 1
- filter porosity 0,3 µm
- suitable for ATEX



Type	Pre-filter, Can be assembled into blocks
Parts	Pre-filter
Mounting orientation	vertical
Certificates	suitable for ATEX
Working pressure min./max.	1,5 ... 16 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Filter reservoir volume	87 cm³
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	Weight
R412009018	G 3/4	2200 l/min	semi-automatic, open without pressure	0,71 kg
R412009019	G 3/4	2200 l/min	fully automatic, open without pressure	0,76 kg
R412009020	G 3/4	2200 l/min	fully automatic, closed without pressure	0,76 kg
R412009024	G 3/4	2200 l/min	semi-automatic, open without pressure	1,21 kg
R412009025	G 3/4	2200 l/min	fully automatic, open without pressure	1,26 kg
R412009026	G 3/4	2200 l/min	fully automatic, closed without pressure	1,26 kg
R412009027	G 1	2200 l/min	semi-automatic, open without pressure	0,71 kg
R412009028	G 1	2200 l/min	fully automatic, open without pressure	0,76 kg
R412009029	G 1	2200 l/min	fully automatic, closed without pressure	0,76 kg
R412009033	G 1	2200 l/min	semi-automatic, open without pressure	1,21 kg
R412009034	G 1	2200 l/min	fully automatic, open without pressure	1,26 kg
R412009035	G 1	2200 l/min	fully automatic, closed without pressure	1,26 kg

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

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.

Recommended pre-filtering 5 µm

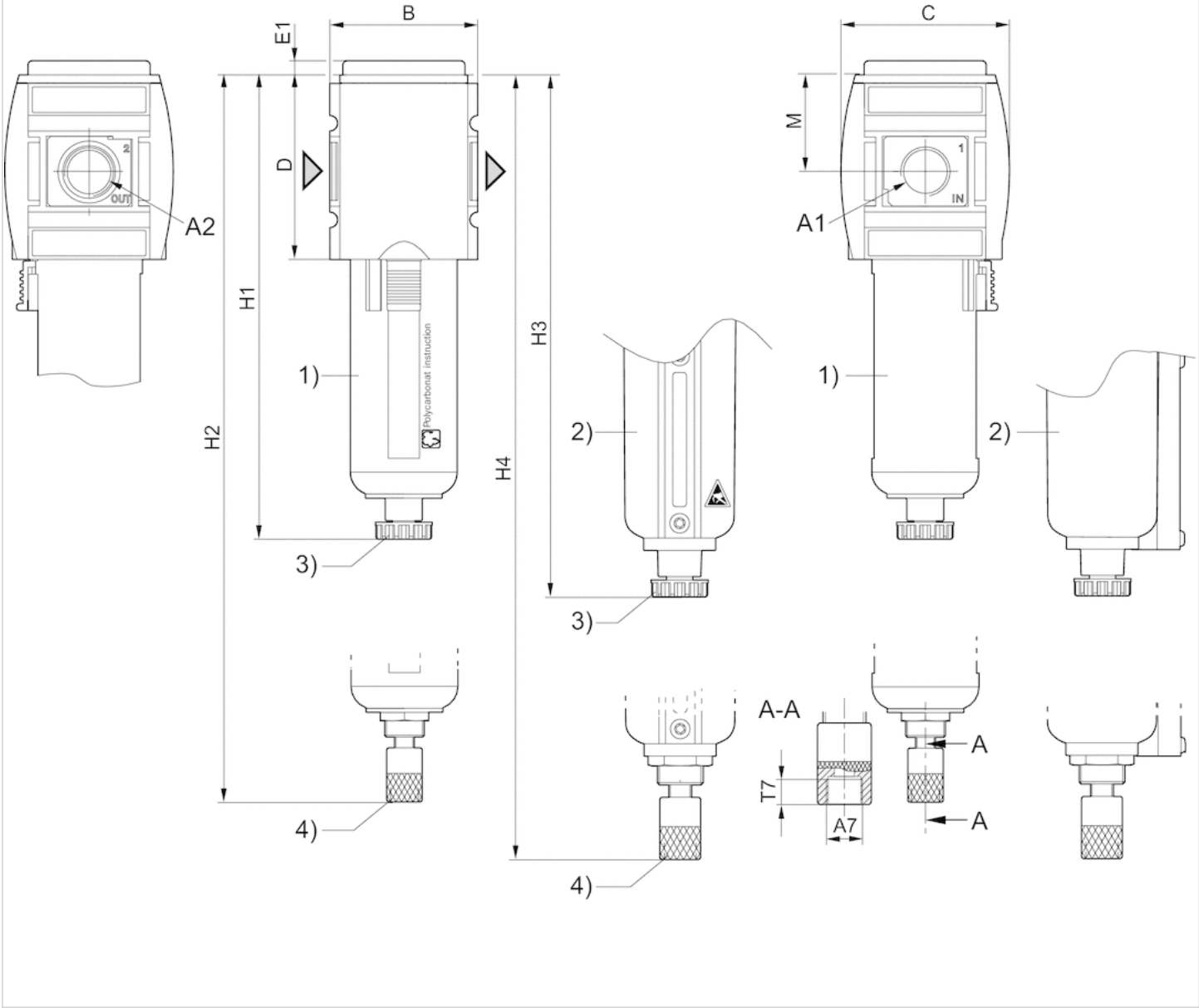
Max. achievable compressed air class acc. to ISO 8573-1:2010 2 : - : 3

Technical information

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

Dimensions

Dimensions



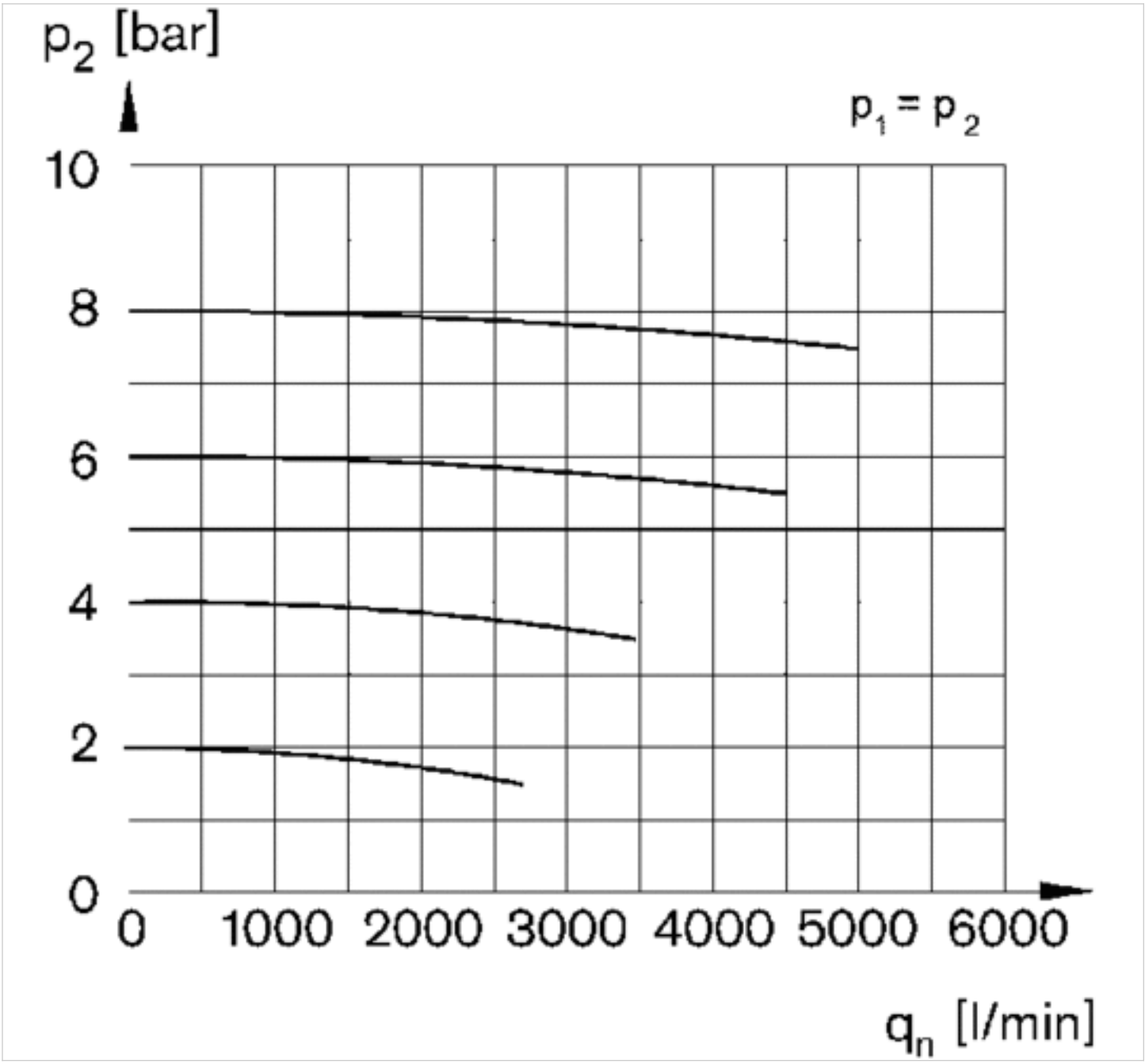
A1 = input
A2 = output
A7 = condensate drain
1) Plastic reservoir and protective guard with window
2) Metal reservoir with inspection glass
3) Semi-automatic condensate drain
4) Fully automatic condensate drain

Dimensions in mm

A1	A2	A7	B	C	D	E1	H1	H2	H3	H4	M	T7
G 3/4	G 3/4	G 1/8	85	103	109	5	250	266	254	270.5	58	8.5
G 1	G 1	G 1/8	85	103	109	5	250	266	254	270.5	58	8.5

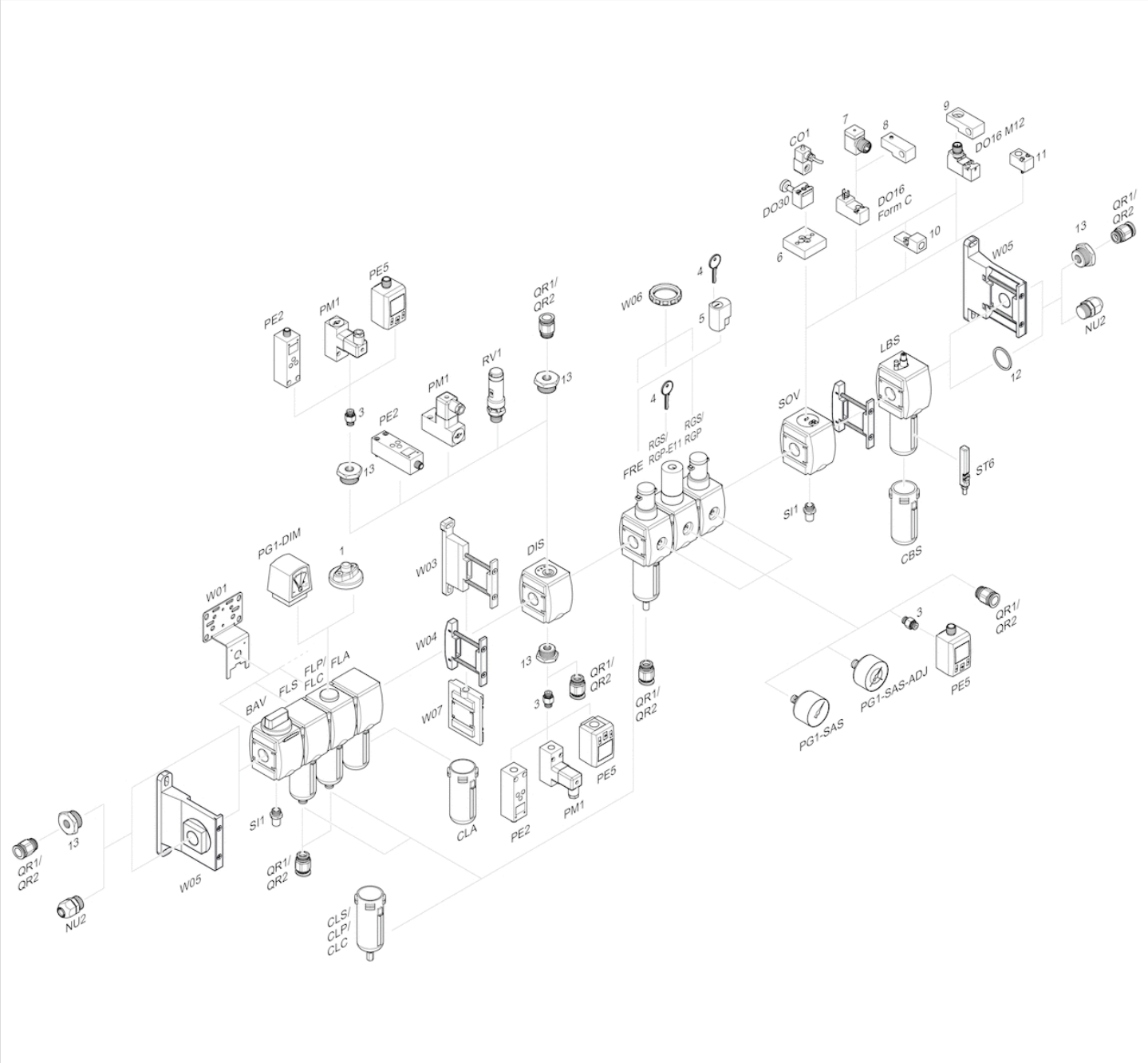
Diagrams

Flow rate characteristic



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
13 = Reducing nipple

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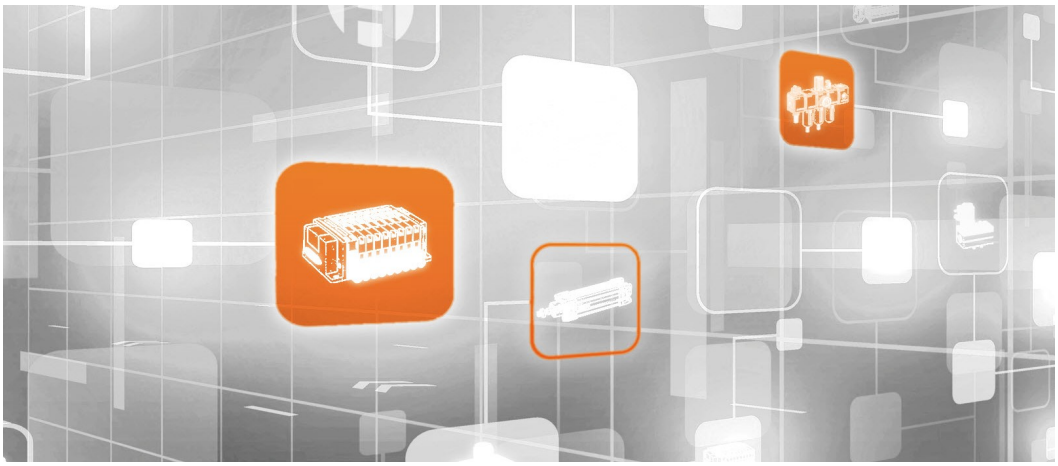

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