

# Filter, Series AS5-FLS

- G 3/4 G 1
- filter porosity 40 µm
- suitable for ATEX



## Version

### Parts

Mounting orientation

Certificates

Working pressure min./max.

Ambient temperature min./max.

Medium temperature min./max.

Medium

Filter reservoir volume

Filter element

filter porosity

Condensate drain

Weight

Standard filter, Can be assembled into blocks

Filter

vertical

suitable for ATEX

See table below

-10 ... 50 °C

-10 ... 50 °C

Compressed air Neutral gases

87 cm<sup>3</sup>

exchangeable

40 µm

See table below

See table below

## Technical data

Part No.	Port	Qn	Working pressure min./max.
R412009003	G 3/4	7800 l/min	1,5 ... 16 bar
R412009004	G 3/4	7800 l/min	1,5 ... 16 bar
R412009005	G 3/4	7800 l/min	0 ... 16 bar
R412009012	G 1	7800 l/min	1,5 ... 16 bar
R412009013	G 1	7800 l/min	1,5 ... 16 bar
R412009014	G 1	7800 l/min	0 ... 16 bar

Part No.	Condensate drain	Weight
R412009003	semi-automatic, open without pressure	0,718 kg
R412009004	fully automatic, open without pressure	0,769 kg
R412009005	fully automatic, closed without pressure	0,769 kg
R412009012	semi-automatic, open without pressure	0,718 kg
R412009013	fully automatic, open without pressure	0,769 kg
R412009014	fully automatic, closed without pressure	0,769 kg

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

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

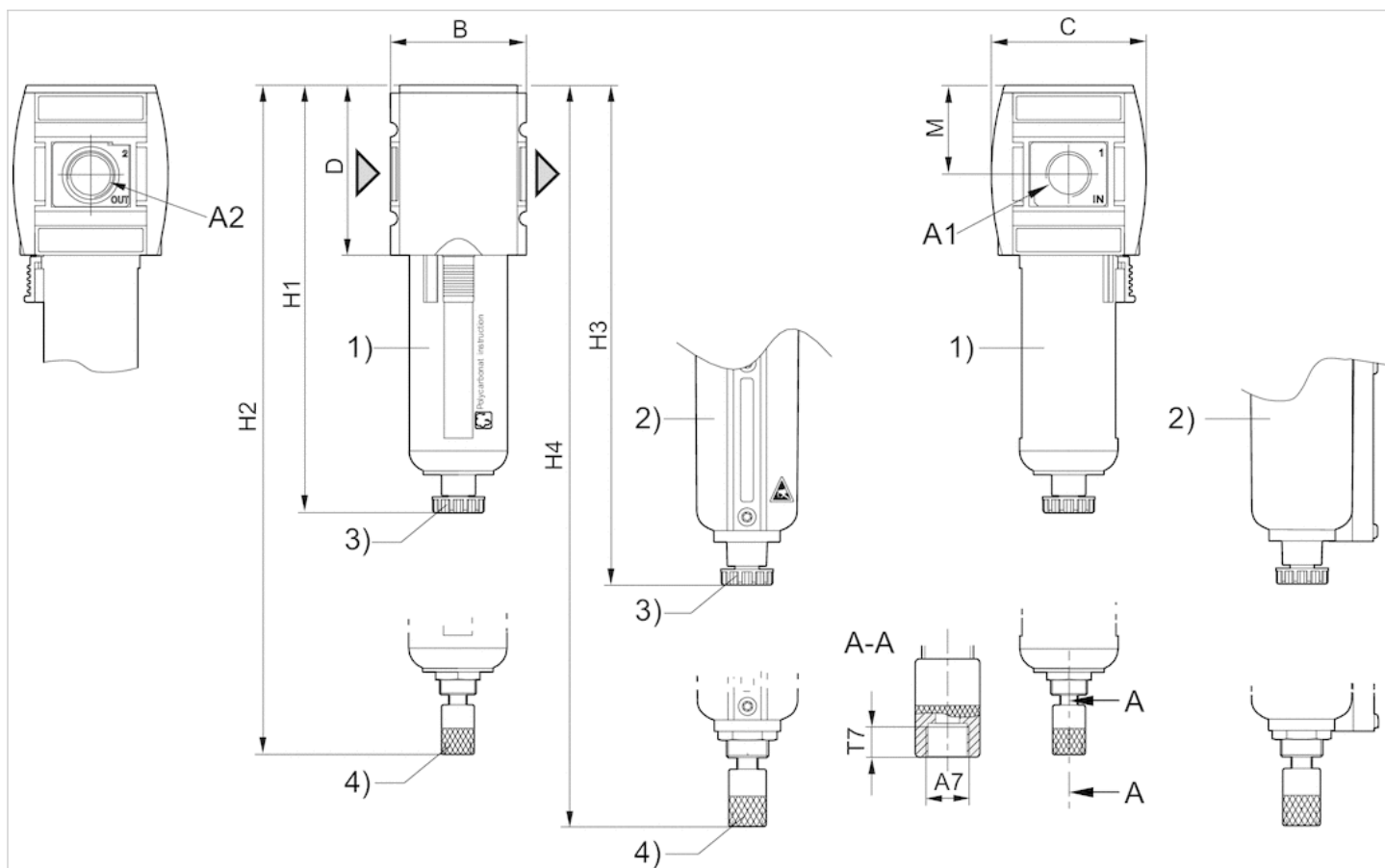
Max. achievable compressed air class acc. to ISO 8573-1:2010 7 : 7 : -

## Technical information

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

## Dimensions

### Dimensions



A1 = input  
A2 = output  
A7 = condensate drain



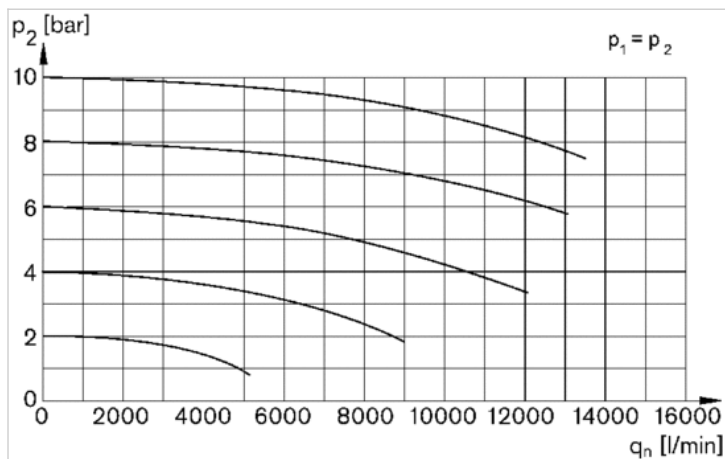
- 1) Plastic reservoir and protective guard with window
- 2) Metal reservoir with level indicator
- 3) Semi-automatic condensate drain
- 4) Fully automatic condensate drain

## Dimensions in mm

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

## Diagrams

### Flow rate characteristic



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