Microfilter, Series AS5-FLC

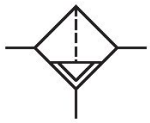
R412009065

Series AS5

The AVENTICS Series AS5 is a modular, versatile maintenance unit for universal application. This Series offers compact dimensions, is highly efficient, lightweight and easy-to-use. The AVENTICS Series AS guarantees reliability, safety, and efficiency with a simplified assembly and maintenance efforts.

- Low weight





Technical data

Industry	Industrial
Note	Filter porosity: 0,01 µm Archive product: Do not use in new constructions!
Parts	Microfilter
Reservoir	reservoir, polycarbonate, with PA protective guard
Port	G 1
Filter porosity	0.01 µm
Nominal flow Qn	1600 l/min
Condensate drain	fully automatic, closed without pressure
Min. working pressure	1.5 bar
Max. working pressure	16 bar
Min. ambient temperature	-10 °C
Max. ambient temperature	50 °C
Medium	Compressed air Neutral gases
Max. achievable compressed air class acc. to ISO 8573-1:2010	1 : - : 2
Filter reservoir volume	87 cm³

Filter element	exchangeable
Recommended pre-filtering	0.3 µm
Weight	0.762 kg
contamination display	integrated
Mounting orientation	vertical
Type	Can be assembled into blocks

Material

Housing material	Polyamide
Material front plate	Acrylonitrile butadiene styrene
Seal material	Acrylonitrile butadiene rubber
Material threaded bushing	Die cast zinc
Material reservoir	Polycarbonate
Material protective guard	Polyamide
Material filter insert	Borosilicate glass fiber
Part No.	R412009065

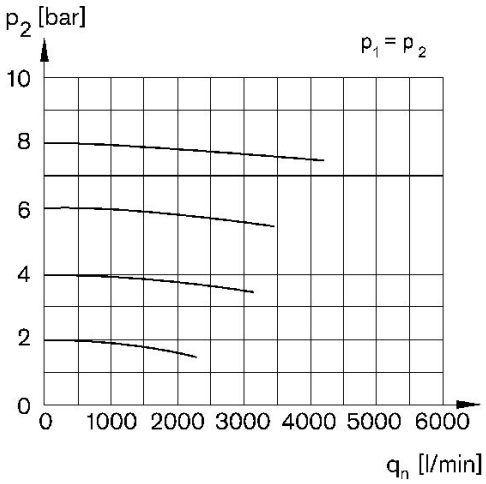
Technical information

The pressure dew point must be at least 15 °C less than 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".

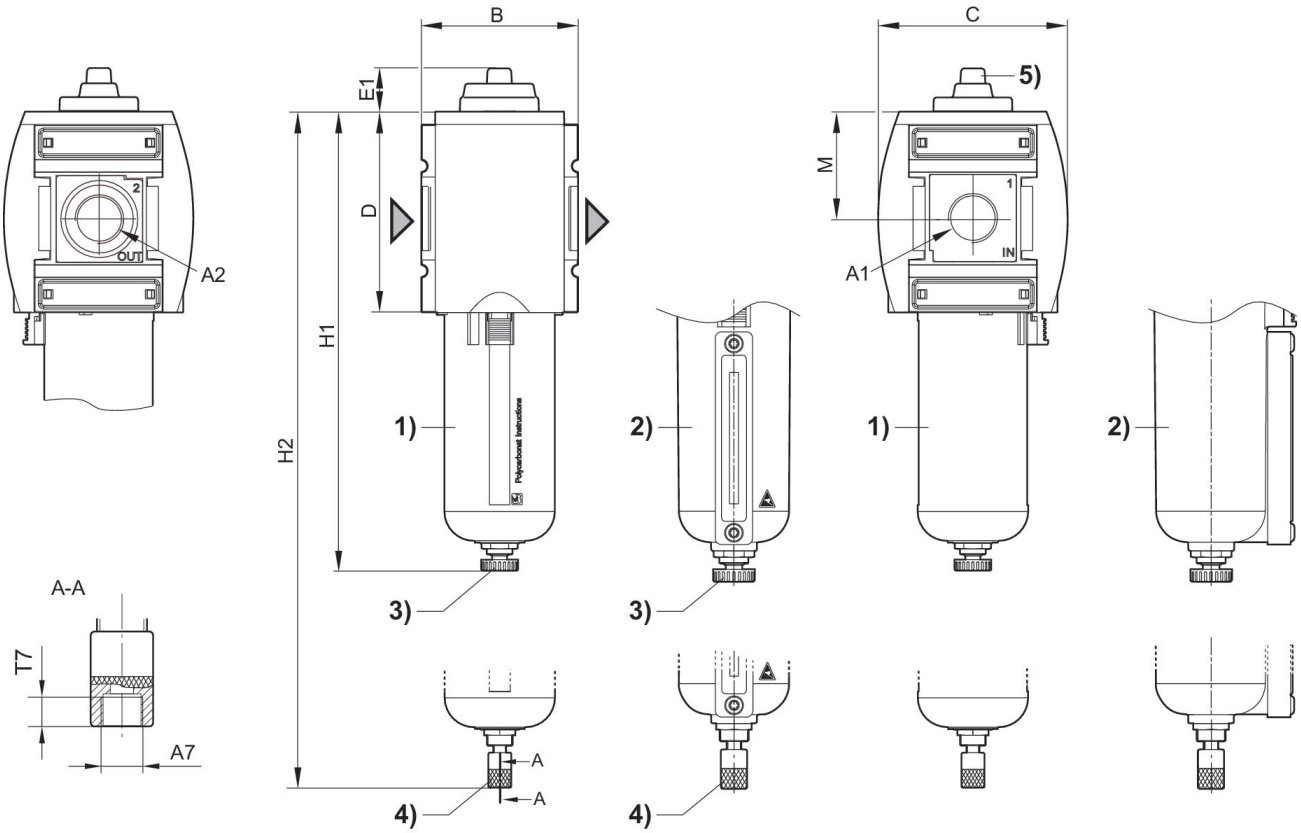
A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

Flow rate characteristic, p2 = 0,05 - 7 bar



p1 = Working pressure p2 = Secondary pressure qn = Nominal flow

Dimensions



A1 = input A2 = output
A7 = condensate drain
1) Plastic reservoir and protective guard with window

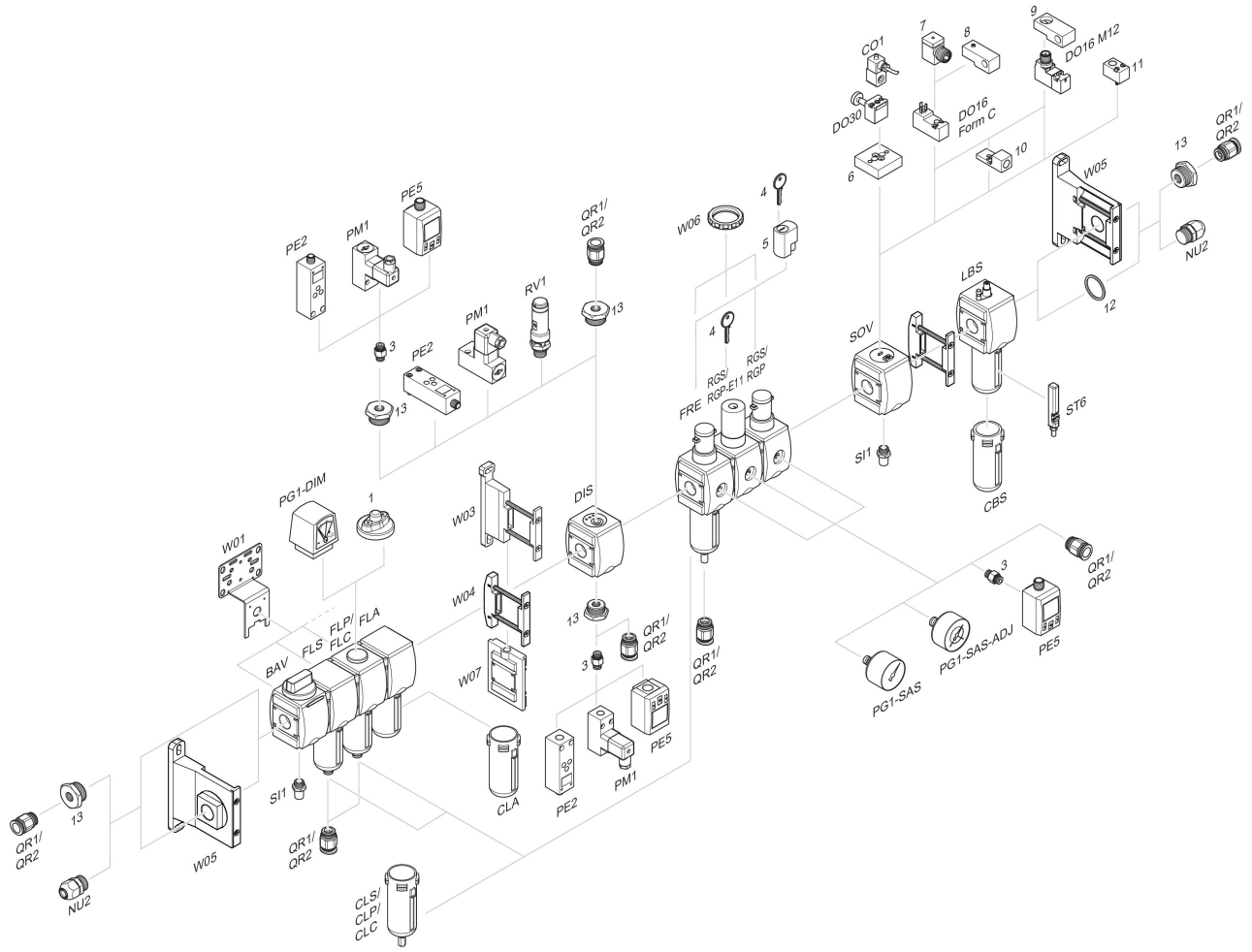
2) Metal reservoir with level indicator
3) Semi-automatic condensate drain
4) Fully automatic condensate drain
5) contamination display

Dimensions in mm

Part No.	A1	A2	A7	B	C	D	E1	H1	H2	M
R412009054	G 3/4	G 3/4	G 1/8	85	103	109	23.7	250	--	58
R412009055	G 3/4	G 3/4	--	85	103	109	23.7	--	266	58
R412009056	G 3/4	G 3/4	--	85	103	109	23.7	--	266	58
R412009063	G 1	G 1	G 1/8	85	103	109	23.7	250	--	58
R412009064	G 1	G 1	--	85	103	109	23.7	--	266	58
R412009065	G 1	G 1	--	85	103	109	23.7	--	266	58
R412009060	G 3/4	G 3/4	G 1/8	85	103	109	23.7	250	--	58
R412009061	G 3/4	G 3/4	--	85	103	109	23.7	--	266	58
R412009062	G 3/4	G 3/4	--	85	103	109	23.7	--	266	58
R412009069	G 1	G 1	G 1/8	85	103	109	23.7	250	--	58
R412009070	G 1	G 1	--	85	103	109	23.7	--	266	58
R412009071	G 1	G 1	--	85	103	109	23.7	--	266	58

Part No.	T7
R412009054	8.5
R412009055	--
R412009056	--
R412009063	8.5
R412009064	--
R412009065	--
R412009060	8.5
R412009061	--
R412009062	--
R412009069	8.5
R412009070	--
R412009071	--

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