Series AS2

The AVENTICS Series AS2 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.





Technical data

Industry Industrial Parts Microfilter

Reservoir reservoir, metal, with inspection glass

Port G 3/8 Filter porosity 0.01 µm

Nominal flow Qn 350 I/min

Condensate drain fully automatic, open without pressure

Min. working pressure

Max. working pressure

1.5 bar

1.6 bar

Min. ambient temperature

1.7 c

1.8 bar

1.9 c

1.9 c

1.9 c

1.5 bar

1.5 bar

1.6 bar

1.7 c

1.8 c

1.9 c

1.

Medium Compressed air

Neutral gases

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

Filter reservoir volume 12 cm³

Filter element exchangeable

Recommended pre-filtering 0.3 µm

Weight 0.545 kg inspection glass with window

Microfilter, Series AS2-FLC

2024-03-19

R412006052

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 Die cast zinc

Material filter insert Borosilicate glass fiber

Part No. R412006052

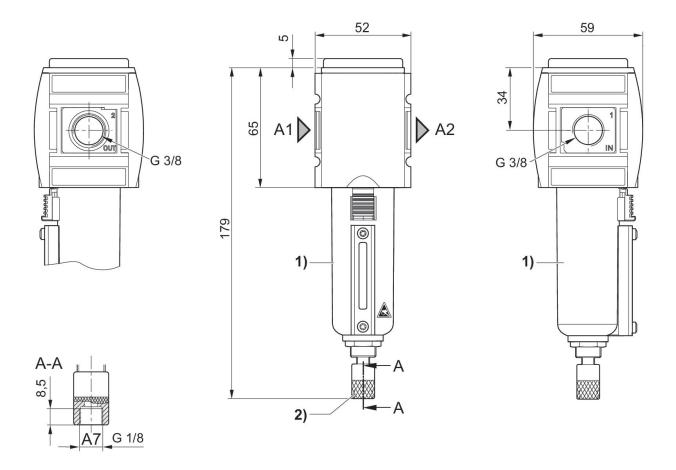
Technical information

The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 0,1 bar

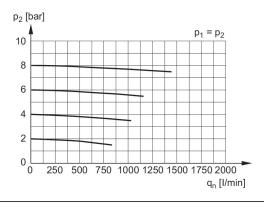
A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

Dimensions in mm



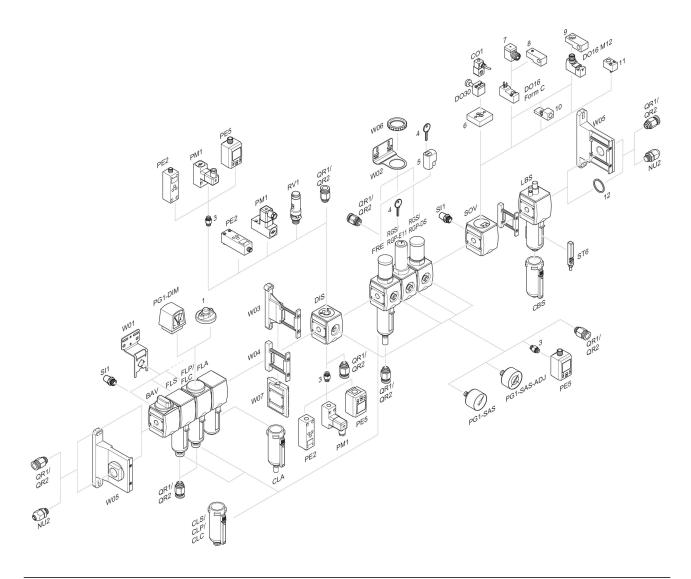
- A1 = input
- A2 = output
- A7 = condensate drain
- 1) Metal reservoir with level indicator
- 2) Fully automatic condensate drain

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



- 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