R412006235

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

Max. ambient temperature

Industry Industrial
Parts Lubricator

Reservoir reservoir, metal, standard, with inspection glass

Compressed air connection G 3/8

Nominal flow Qn 3100 I/min

Mounting orientation vertical

Min. working pressure 0.5 bar

Max. working pressure 16 bar

Min. ambient temperature -10 °C

Medium Compressed air

Neutral gases

Type of filling Semi-automatic oil filling during operation

Manual oil filling

50 °C

Lubricator reservoir volume 40 cm³

inspection glass with window Oil dosing at 1000 l/min 1-2 drops

Function Oil-mist lubricator

Function Can be assembled into blocks

Weight 0.229 kg

Standard oil-mist lubricator, Series AS2-LBS

2024-03-19

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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 Part No. R412006235

Technical information

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

Electrical level detection only with ST6 sensor with reed contact, sensor holder included in the scope of the delivery.

Sensor not included in scope of delivery, sensor installation prepared.

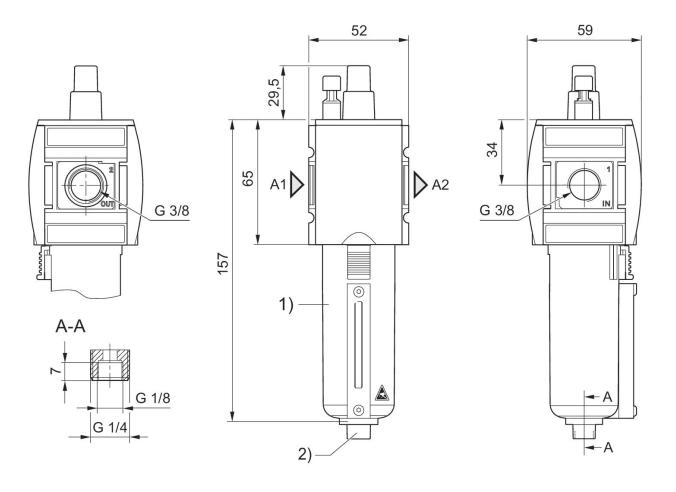
The entire preset drip quantity enters the pressure system.

Manual oil filling possible during operation at a maximum operating pressure of 10 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.

Nominal flow Qn with secondary pressure p2 = 6 bar at $\Delta p = 1$ bar

Dimensions in mm



A1 = input

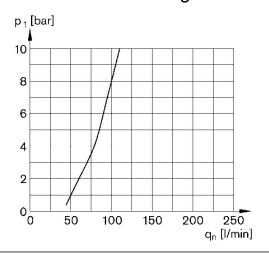
A2 = output

Metal reservoir with inspection glass

²⁾ Port for semi-automatic oil filling

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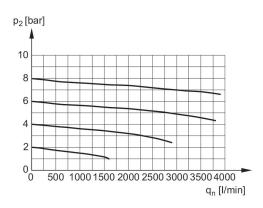
Lubricator activation margin



p1 = Working pressure

qn = Nominal flow

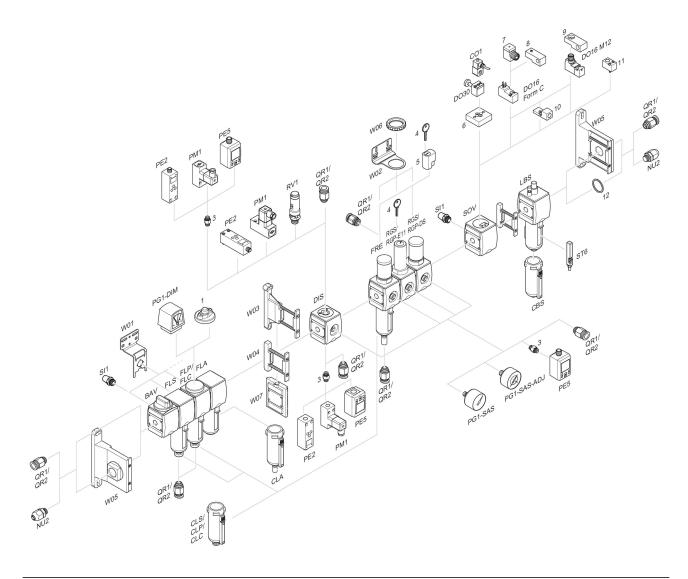
Flow rate characteristic, p2 = 0,05 - 7 bar



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