# Standard oil-mist lubricator, Series AS2-LBS

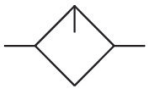
2024-03-19

**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

| | |
|---|---|
| Industry | Industrial |
| Parts | Lubricator |
| Reservoir | reservoir, metal, standard, with inspection glass |
| Compressed air connection | G 3/8 |
| Nominal flow Qn | 3100 l/min |
| Mounting orientation | vertical |
| Min. working pressure | 0.5 bar |
| Max. working pressure | 16 bar |
| Min. ambient temperature | -10 °C |
| Max. ambient temperature | 50 °C |
| Medium | Compressed air<br>Neutral gases |
| Type of filling | Semi-automatic oil filling during operation<br>Manual oil filling |
| 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 |

## 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.

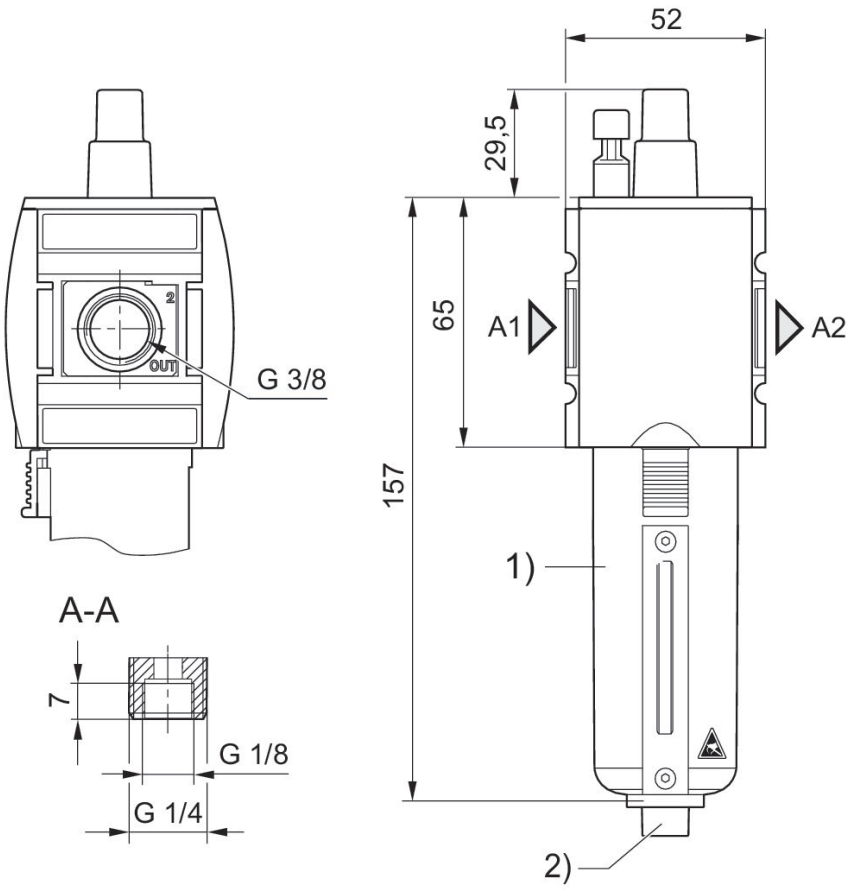
The entire preset drip quantity enters the pressure system.

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.

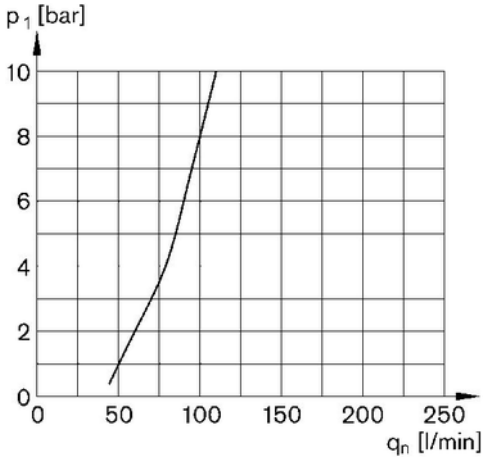
Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 1 bar

## Dimensions in mm



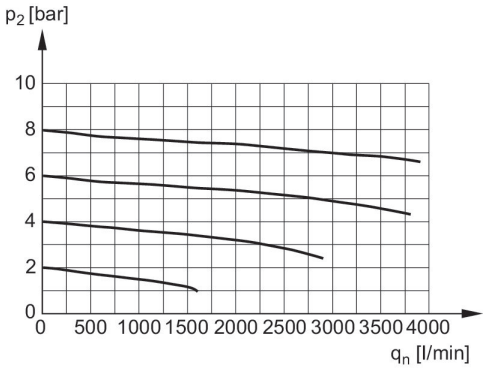

A1 = input
A2 = output
1) Metal reservoir with inspection glass
2) Port for semi-automatic oil filling

## Lubricator activation margin




p1 = Working pressure
qn = Nominal flow

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



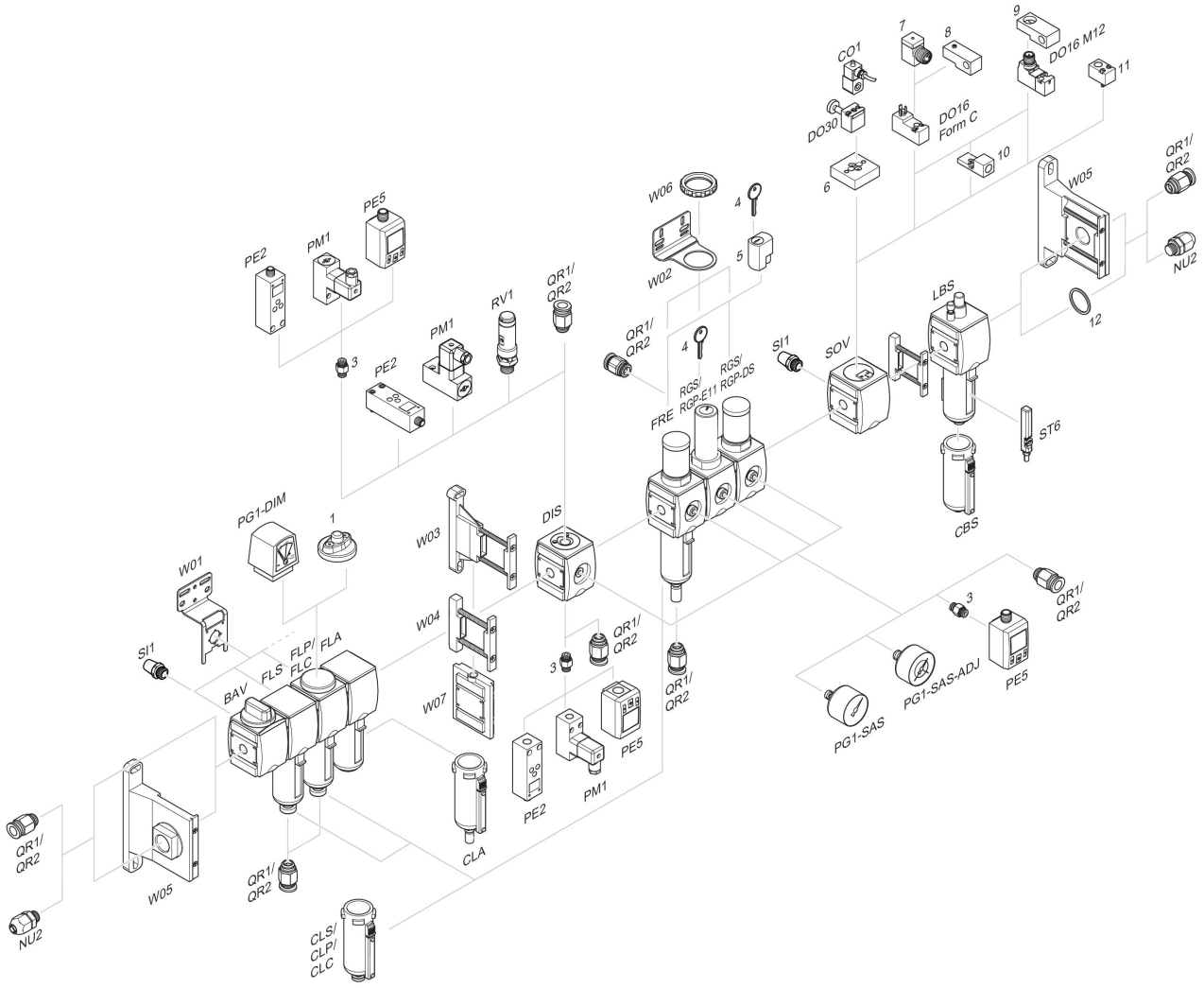

p2 = Secondary pressure
qn = Nominal flow

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## 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