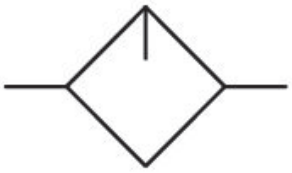
Standard oil-mist lubricator, Series AS3-LBS

R412007231

General series information
Series AS3

- The AVENTICS Series AS3 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, PA, with PA protective guard

Compressed air connection
G 1/2

Nominal flow Qn
8000 l/min

Mounting orientation
vertical

Working pressure min.
0.5 bar

Working pressure max
16 bar

Min. ambient temperature
-10 °C

Max. ambient temperature
50 °C

Medium
Compressed air
Neutral gases

Type of filling
Semi-automatic oil filling during operation
Manual oil filling

Lubricator reservoir volume
80 cm³

Protective guard
with protective guard

Oil dosing at 1000 l/min
1-2 drops

Function
Oil-mist lubricator

Function
Can be assembled into blocks

Weight
0.343 kg

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

Part No.
R412007231

Technical information

The pressure dew point must be at least 15 °C under 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.

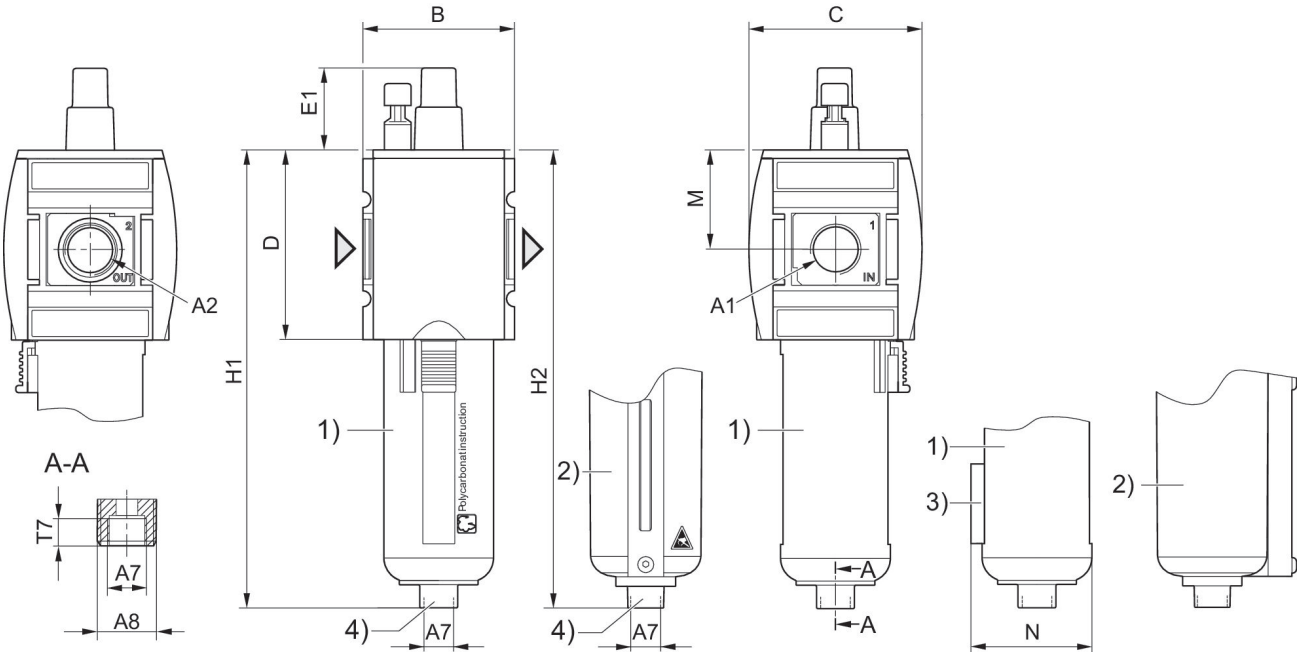
Manual oil filling possible during operation at a maximum operating pressure of 10 bar.

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

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.

Dimensions



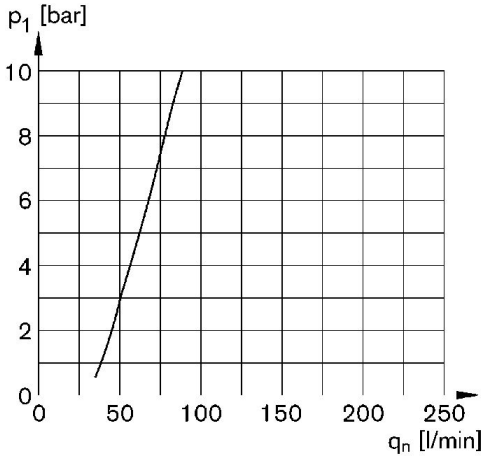
A1 = input A2 = output
1) Plastic reservoir and protective guard with window
2) Metal reservoir with inspection glass
3) Holder for sensor
4) Port for semi-automatic oil filling

Dimensions in mm

Part No.	A1	A2	A7	A8	B	C	D	E1	H1
R412007225	G 3/8	G 3/8	G 1/8	G 1/4	63	74	80	27.5	183
R412007226	G 3/8	G 3/8	G 1/8	G 1/4	63	74	80	27.5	183
R412007229	G 3/8	G 3/8	G 1/8	G 1/4	63	74	80	27.5	183
R412007231	G 1/2	G 1/2	G 1/8	G 1/4	63	74	80	27.5	183
R412007232	G 1/2	G 1/2	G 1/8	G 1/4	63	74	80	27.5	183
R412007235	G 1/2	G 1/2	G 1/8	G 1/4	63	74	80	27.5	183

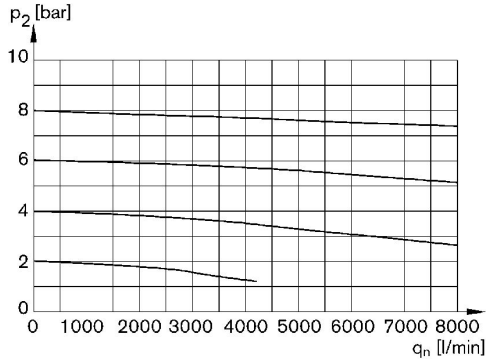
Part No.	H2	M	N	T7
R412007225	187	42.5	48	7
R412007226	187	42.5	48	7
R412007229	187	42.5	48	7
R412007231	187	42.5	48	7
R412007232	187	42.5	48	7
R412007235	187	42.5	48	7

Lubricator activation margin



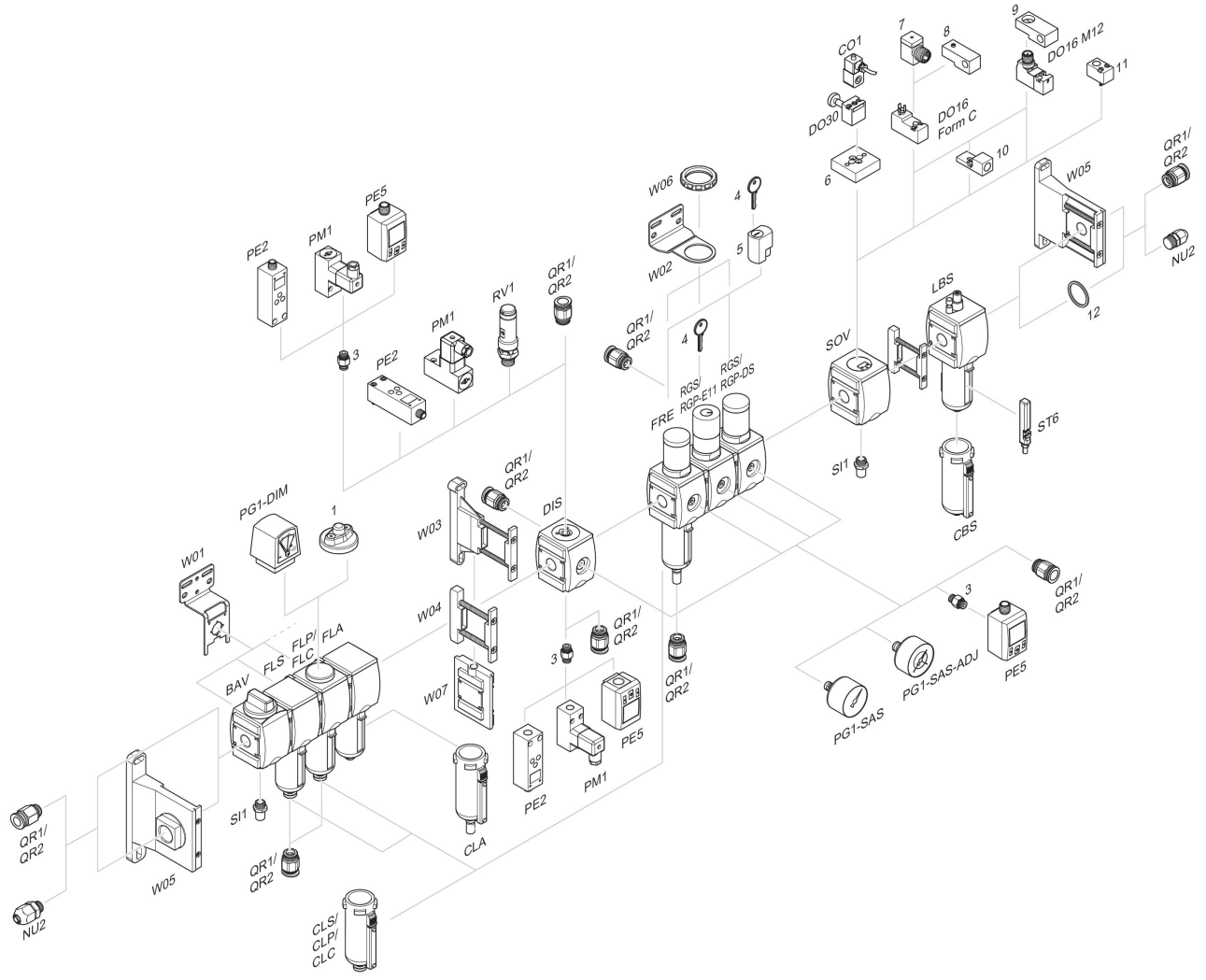
p1 = working pressure qn = nominal flow

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