

# Standard oil-mist lubricator, Series AS5-LBS

## R412009231

### General series information 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.



### Technical data

Industry  
Industrial

Parts  
Lubricator

Reservoir  
reservoir, PA, with PA protective guard

Compressed air connection  
G 1

Nominal flow  $Q_n$   
15800 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  
181 cm<sup>3</sup>

Protective guard  
with protective guard

Oil dosing at 1000 l/min  
1-2 drops

<b>Function</b> Oil-mist lubricator	<b>Weight</b> 0.76 kg
<b>Function</b> Can be assembled into blocks	

## Material

<b>Housing material</b> Polyamide	<b>Material reservoir</b> Polycarbonate
<b>Material front plate</b> Acrylonitrile butadiene styrene	<b>Material protective guard</b> Polyamide
<b>Seal material</b> Acrylonitrile butadiene rubber	<b>Part No.</b> R412009231
<b>Material threaded bushing</b> Die cast zinc	

## 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.

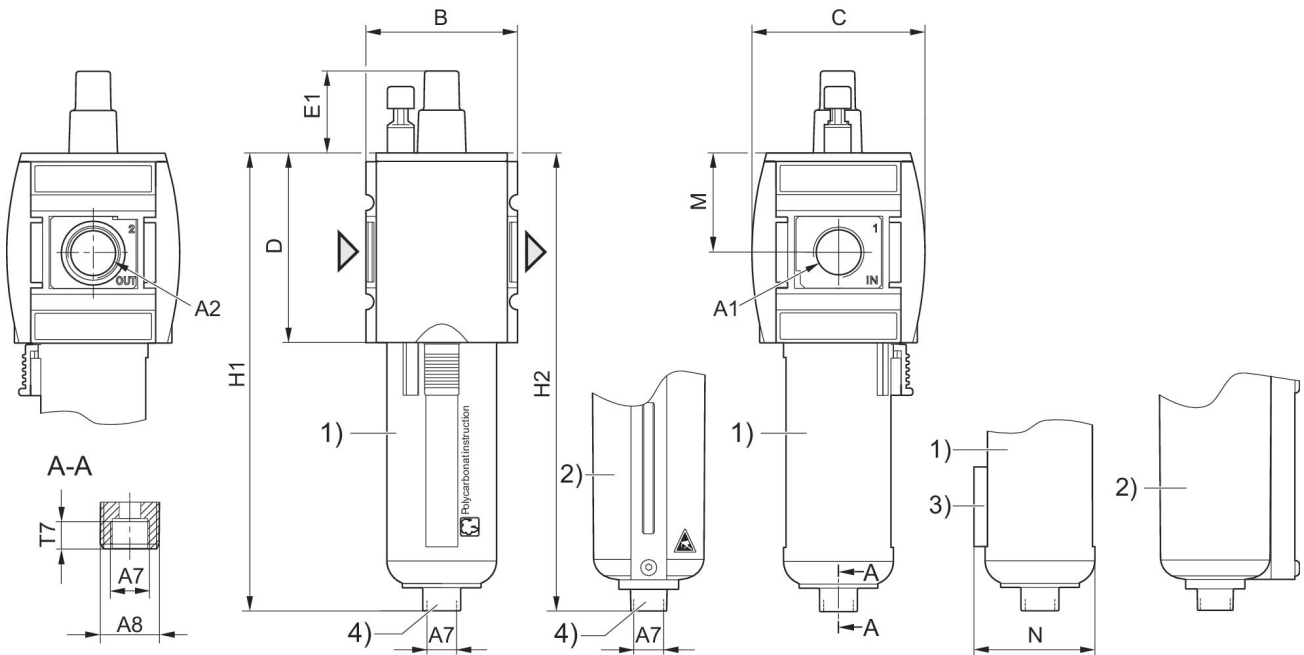
Manual oil filling possible during operation at a maximum operating pressure of 10 bar.

Note: Polycarbonate reservoirs are susceptible to solvents, supplementary information can be found at "Customer information".

Nominal flow  $Q_n$  with secondary pressure  $p_2 = 6$  bar at  $\Delta p = 1$  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



A1 = input A2 = output

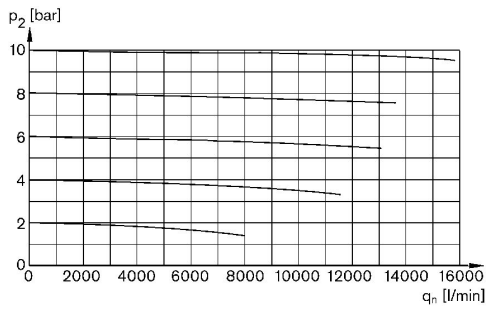
- 1) Plastic reservoir and protective guard with window
- 2) Metal reservoir with inspection glass
- 3) Holder for sensor
- 4) Port for semi-automatic oil filling

## Dimensions in mm

Part No. G 3/4	A1	A2	A7	A8	B	C	D	E1	H1
R412009225	G 3/4	G 3/4	G 1/8	G 1/4	85	103	109	30.5	239
R412009226	G 3/4	G 3/4	G 1/8	G 1/4	85	103	109	30.5	239
R412009229	G 3/4	G 3/4	G 1/8	G 1/4	85	103	109	30.5	239
R412009231	G 1	G 1	G 1/8	G 1/4	85	103	109	30.5	239
R412009232	G 1	G 1	G 1/8	G 1/4	85	103	109	30.5	239
R412009235	G 1	G 1	G 1/8	G 1/4	85	103	109	30.5	239

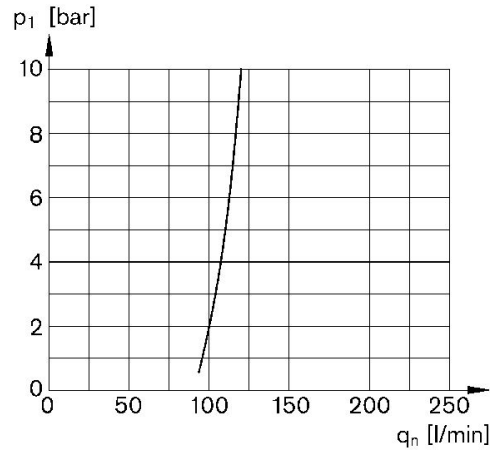
Part No. G 3/4	H2	M	T7
R412009225	243	58	8.5
R412009226	243	58	8.5
R412009229	243	58	8.5
R412009231	243	58	8.5
R412009232	243	58	8.5
R412009235	243	58	8.5

### Flow rate characteristic, $p_2 = 0,05 - 7$ bar



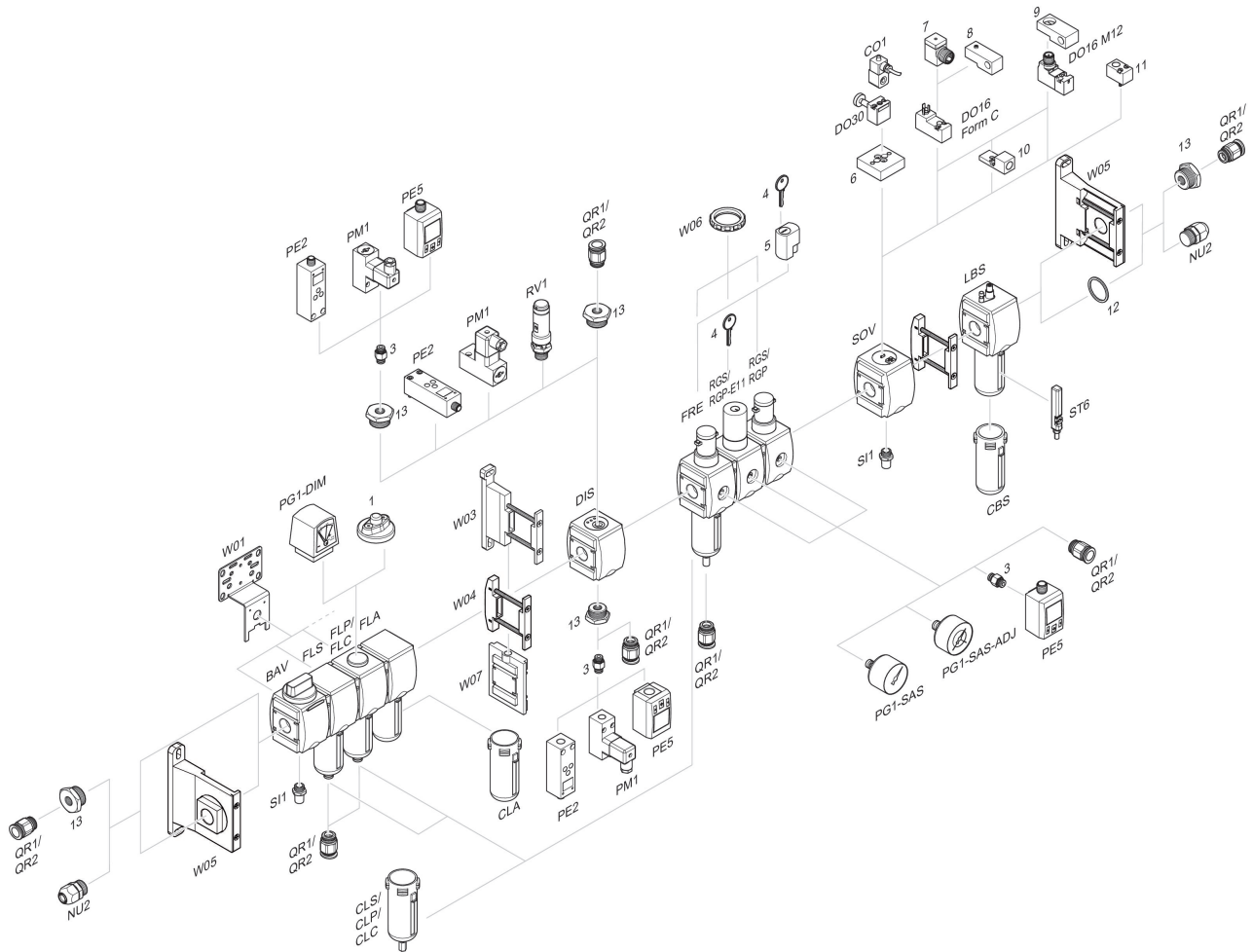
$p_2$  = secondary pressure  $q_n$  = nominal flow

### Lubricator activation margin



$p_1$  = working pressure  $q_n$  = 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 13 = Reducing nipple