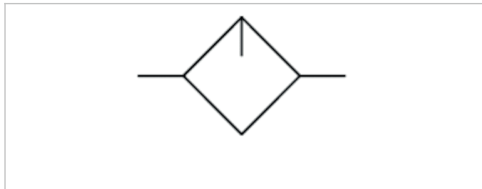


Micro oil-mist lubricator, Series AS1-LBM

- G 1/4
- Air supply left



Version	Micro oil-mist lubricator, Can be assembled into blocks
Parts	Micro oil-mist lubricator
Mounting orientation	vertical
Compressed air connection	G 1/4
Working pressure min./max.	0,8 ... 12 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Lubricator reservoir volume	35 cm ³
Type of filling	Manual oil filling
Weight	See table below



Technical data

Part No.	Port	Nominal flow Qn	Reservoir	Protective guard	Weight
R412014624	G 1/4	1400 l/min	Polycarbonate	-	0,187 kg
R412014625	G 1/4	1400 l/min	Polycarbonate	metal	0,22 kg
R412014626	G 1/4	1400 l/min	Die cast zinc	-	0,248 kg

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

Technical information

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

only approx. 10% of the preset drip quantity enters the compressed air system

oil filling not possible during operation

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

Oil dosing at 1000 l/min 10-20 drops

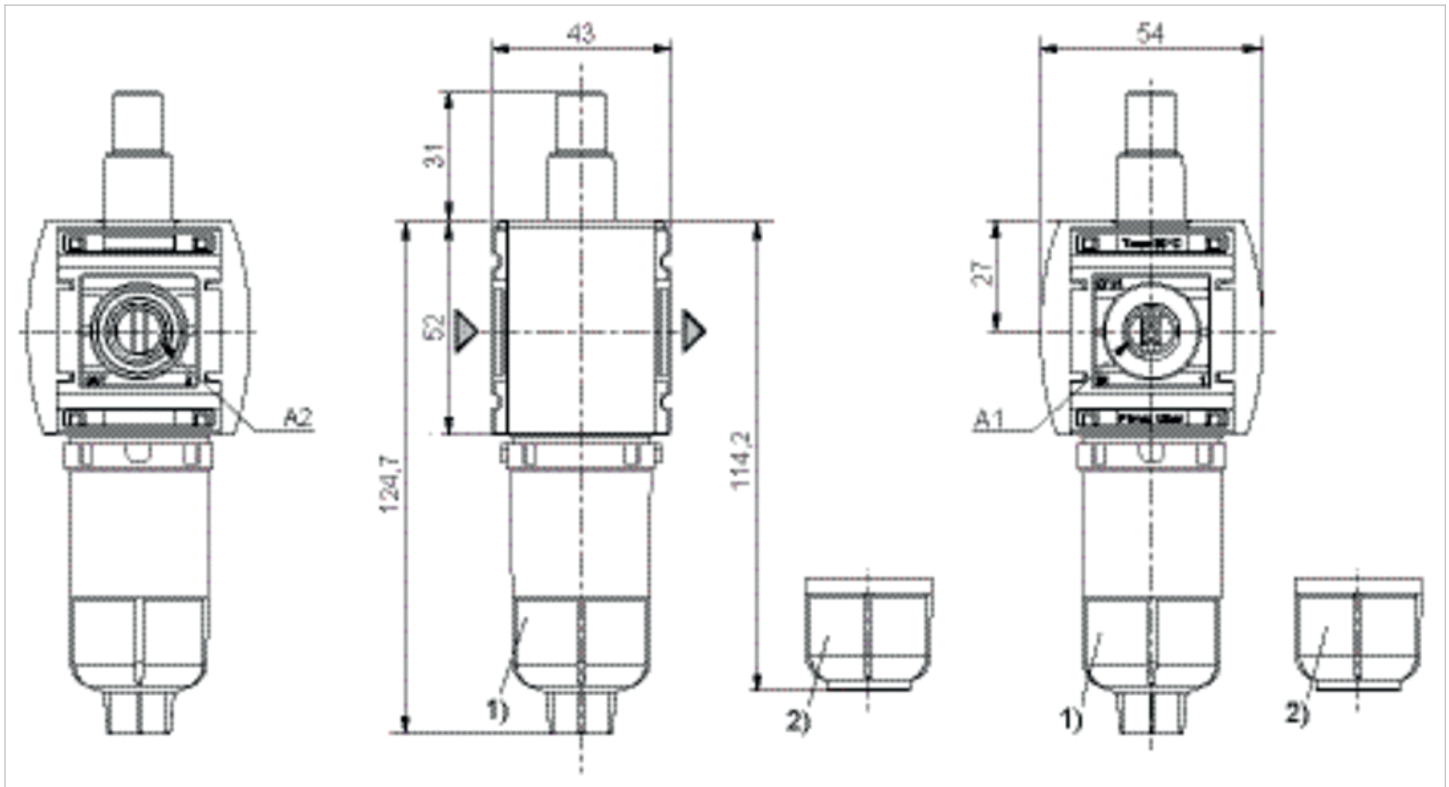
Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber

Material	
Reservoir	Polycarbonate Die cast zinc
Protective guard	metal

Dimensions

Dimensions



A1 = input

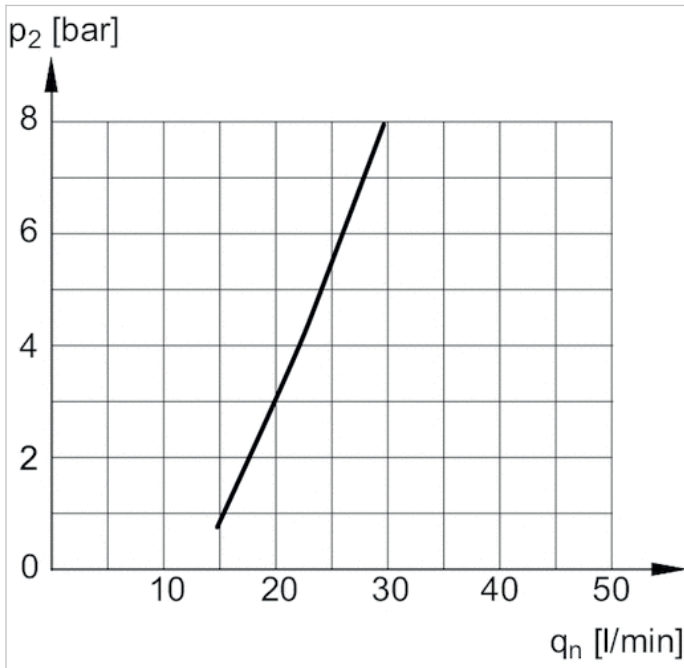
A2 = output

1) Reservoir: polycarbonate

2) Reservoir: metal

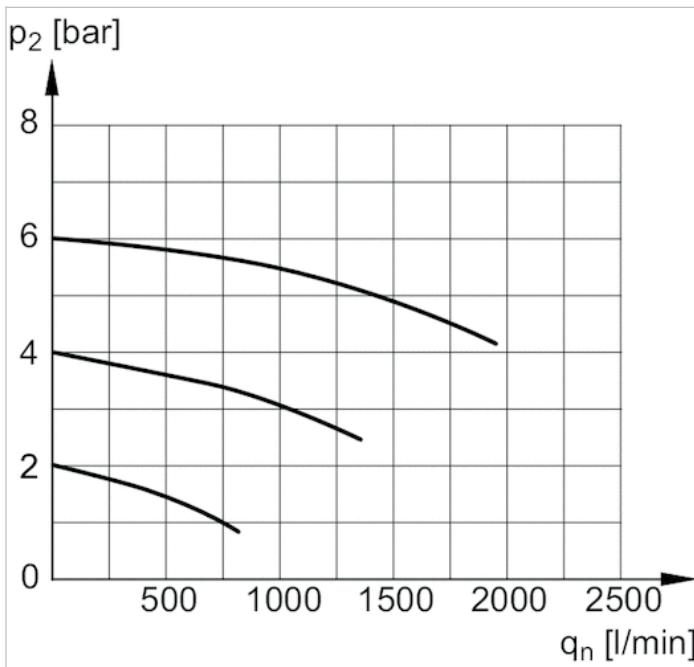
Diagrams

Lubricator activation margin



p_2 = secondary pressure
 q_n = nominal flow

Flow rate characteristic



p_2 = secondary pressure
 q_n = nominal flow

Standard oil-mist lubricator, Series AS2-LBS

- G 1/4
- with protective guard
- suitable for ATEX



Version	Oil-mist lubricator, Can be assembled into blocks
Parts	Standard oil-mist lubricator
Mounting orientation	vertical
Certificates	suitable for ATEX
Working pressure min./max.	0,5 ... 16 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Lubricator reservoir volume	40 cm ³
Type of filling	Semi-automatic oil filling during operation Manual oil filling
Weight	0,229 kg

Technical data

Part No.	Port	Nominal flow Q _n	Reservoir	Protective guard	
R412006225	G 1/4	2800 l/min	Polycarbonate	Polyamide	1)
R412006226	G 1/4	2800 l/min	Polycarbonate	Polyamide	2)
R412006229	G 1/4	2800 l/min	Die cast zinc with window	-	1)
R412006231	G 3/8	3100 l/min	Polycarbonate	Polyamide	1)
R412006232	G 3/8	3100 l/min	Polycarbonate	Polyamide	2)
R412006235	G 3/8	3100 l/min	Die cast zinc with window	-	1)

Technical information

2) Electrical level detection. Suitable for use in Ex zones 1, 2, 21, 22

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.

Suitable for use in Ex zones 1, 2, 21, 22

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.

Oil dosing at 1000 l/min 1-2 drops

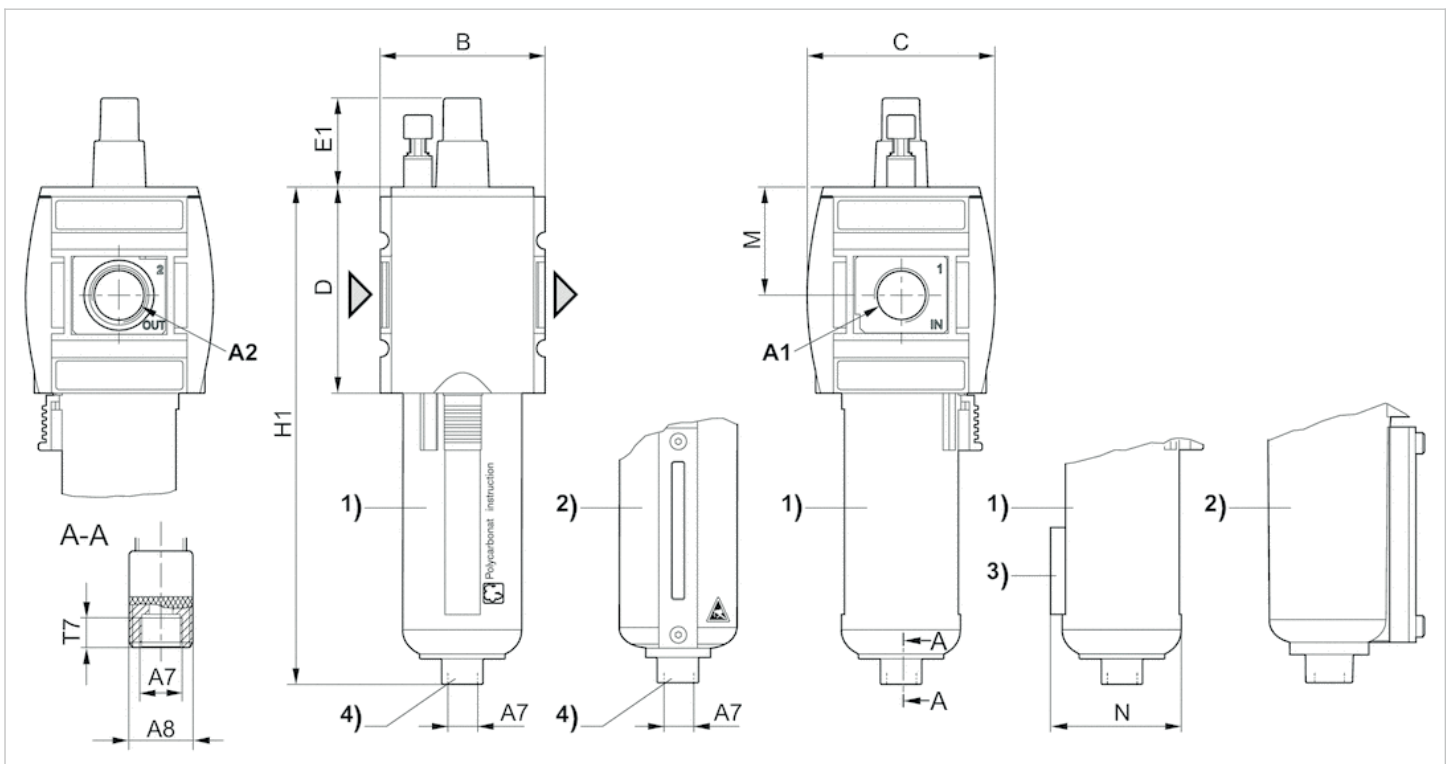
Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene

Material	
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc
Reservoir	Polycarbonate Die cast zinc
Protective guard	Polyamide

Dimensions

Dimensions



A1 = input A2 = output

A7 = condensate drain

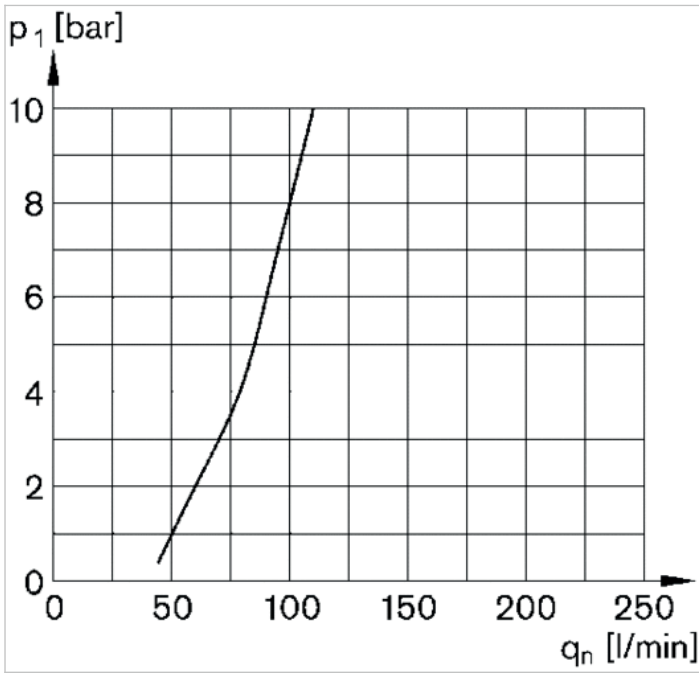
- 1) Plastic reservoir and protective guard with window
- 2) Metal reservoir with inspection glass
- 3) Holder for sensor
- 4) Port for semi-automatic oil filling

Dimensions in mm

A1	A2	A7	A8	B	C	D	E1	H1	M	N
G 1/4	G 1/4	G 1/8	G 1/4	52	59	65	29.5	157	34	42.5
G 1/4	G 1/4	G 1/8	G 1/4	52	59	65	29.5	157	34	42.5
G 3/8	G 3/8	G 1/8	G 1/4	52	59	65	29.5	157	34	42.5

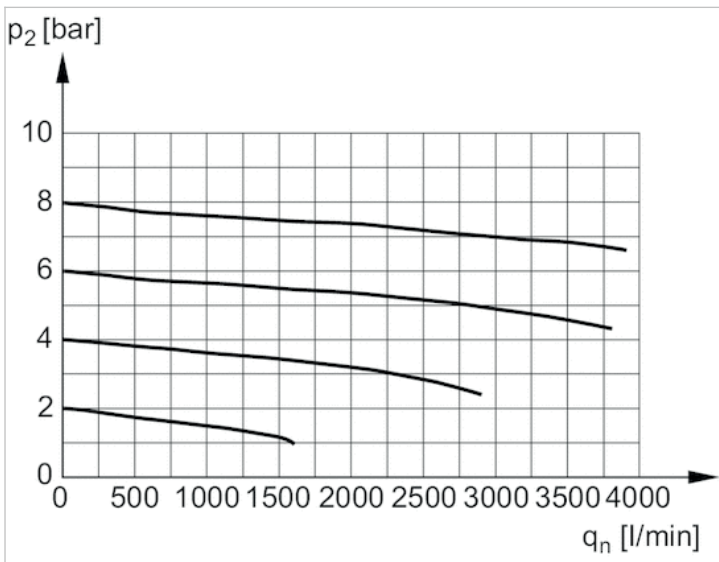
Diagrams

Lubricator activation margin



p_1 = working pressure
 q_n = nominal flow

Flow rate characteristic



p_2 = secondary pressure
 q_n = nominal flow

Standard oil-mist lubricator, Series AS3-LBS

- G 3/8
- with protective guard
- suitable for ATEX



Version	Oil-mist lubricator, Can be assembled into blocks
Parts	Standard oil-mist lubricator
Mounting orientation	vertical
Certificates	suitable for ATEX
Working pressure min./max.	0,5 ... 16 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Lubricator reservoir volume	80 cm ³
Type of filling	Semi-automatic oil filling during operation Manual oil filling
Weight	See table

Technical data

Part No.	Port	Nominal flow Qn	Reservoir	Protective guard	Weight	
R412007225	G 3/8	8000 l/min	Polycarbonate	Polyamide	0,343 kg	1)
R412007226	G 3/8	8000 l/min	Polycarbonate	Polyamide	0,343 kg	2)
R412007229	G 3/8	8000 l/min	Die cast zinc with window	-	0,749 kg	1)
R412007231	G 1/2	8000 l/min	Polycarbonate	Polyamide	0,343 kg	1)
R412007232	G 1/2	8000 l/min	Polycarbonate	Polyamide	0,343 kg	2)
R412007235	G 1/2	8000 l/min	Die cast zinc with window	-	0,728 kg	1)

Technical information

2) Electrical level detection. Suitable for use in Ex zones 1, 2, 21, 22

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.

Suitable for use in Ex zones 1, 2, 21, 22

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.

Oil dosing at 1000 l/min 1-2 drops

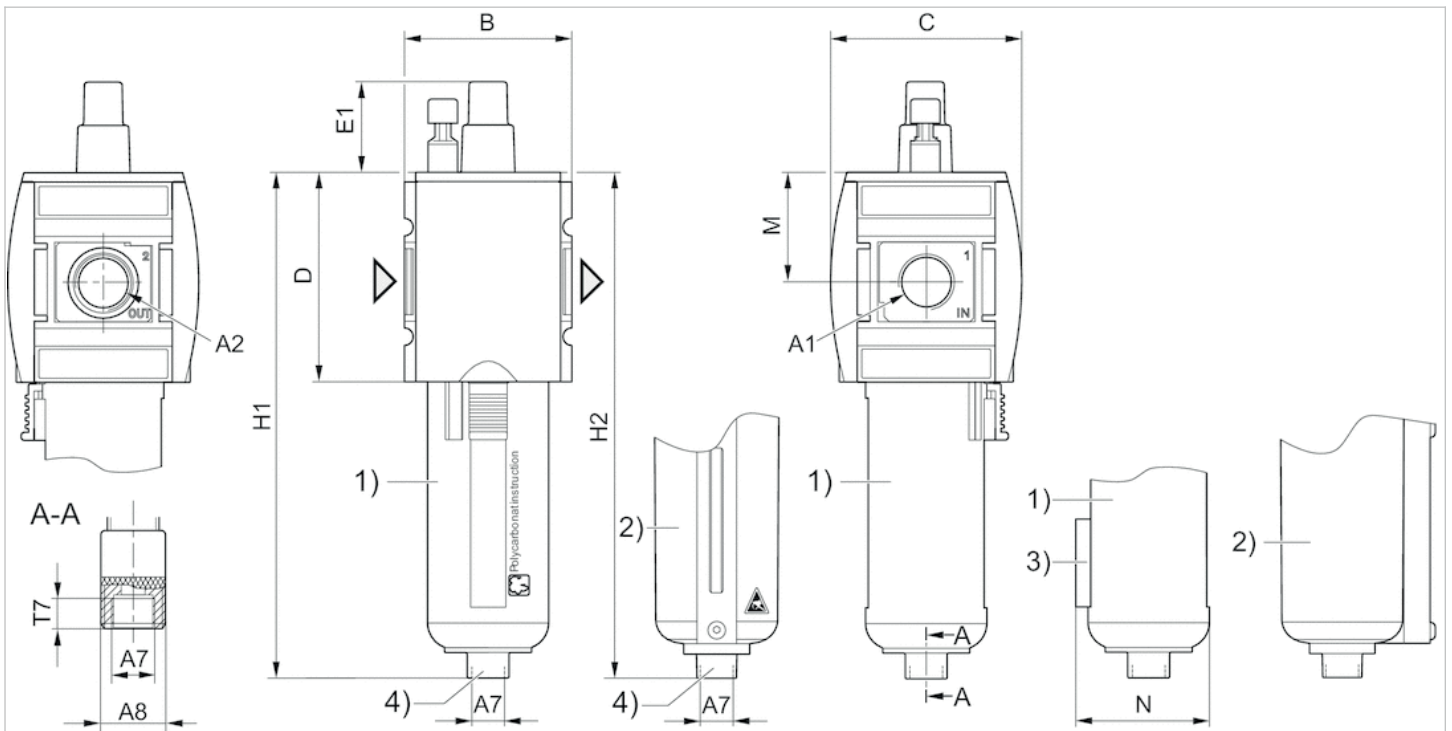
Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene

Material	
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc
Reservoir	Polycarbonate Die cast zinc
Protective guard	Polyamide

Dimensions

Dimensions



A1 = input A2 = output

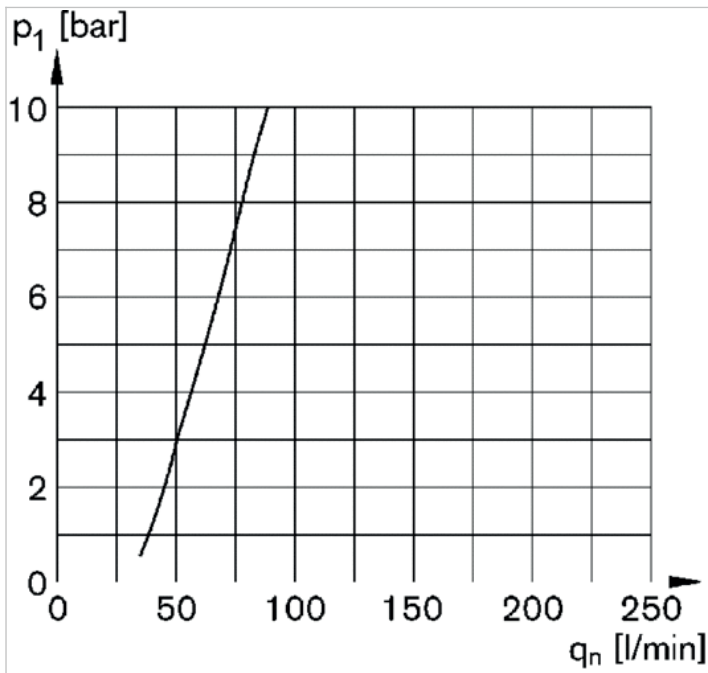
- 1) Plastic reservoir and protective guard with window
- 2) Metal reservoir with inspection glass
- 3) Holder for sensor
- 4) Port for semi-automatic oil filling

Dimensions in mm

A1	A2	A7	A8	B	C	D	E1	H1	H2	M	N	T7
G 3/8	G 3/8	G 1/8	G 1/4	63	74	80	27.5	183	187	42.5	48	7
G 3/8	G 3/8	G 1/8	G 1/4	63	74	80	27.5	183	187	42.5	48	7
G 1/2	G 1/2	G 1/8	G 1/4	63	74	80	27.5	183	187	42.5	48	7

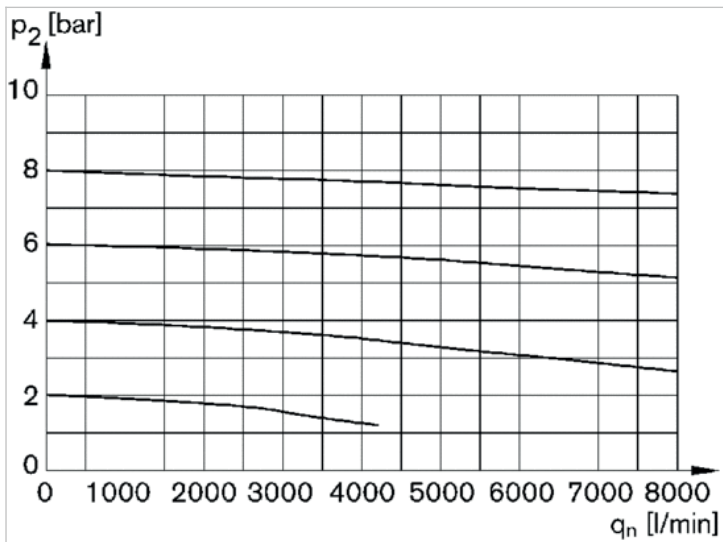
Diagrams

Lubricator activation margin



p_1 = working pressure
 q_n = nominal flow

Flow rate characteristic



p_2 = secondary pressure
 q_n = nominal flow

Standard oil-mist lubricator, Series AS5-LBS

- G 3/4
- with protective guard
- suitable for ATEX



Version	Oil-mist lubricator, Can be assembled into blocks
Parts	Standard oil-mist lubricator
Mounting orientation	vertical
Certificates	suitable for ATEX
Working pressure min./max.	0,5 ... 16 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Lubricator reservoir volume	181 cm ³
Type of filling	Semi-automatic oil filling during operation Manual oil filling
Weight	See table

Technical data

Part No.	Port	Nominal flow Q _n	Reservoir	Protective guard	Weight	
R412009225	G 3/4	15800 l/min	Polycarbonate	Polyamide	0,76 kg	1)
R412009229	G 3/4	15800 l/min	Die cast zinc with window	-	0,762 kg	1)
R412009226	G 3/4	15800 l/min	Polycarbonate	Polyamide	0,77 kg	2)
R412009231	G 1	15800 l/min	Polycarbonate	Polyamide	0,76 kg	1)
R412009235	G 1	15800 l/min	Die cast zinc with window	-	0,762 kg	1)
R412009232	G 1	15800 l/min	Polycarbonate	Polyamide	0,77 kg	2)

Technical information

2) Suitable for use in Ex zones 1, 2, 21, 22. Electrical level detection.

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".

Suitable for use in Ex zones 1, 2, 21, 22

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.

Oil dosing at 1000 l/min 1-2 drops

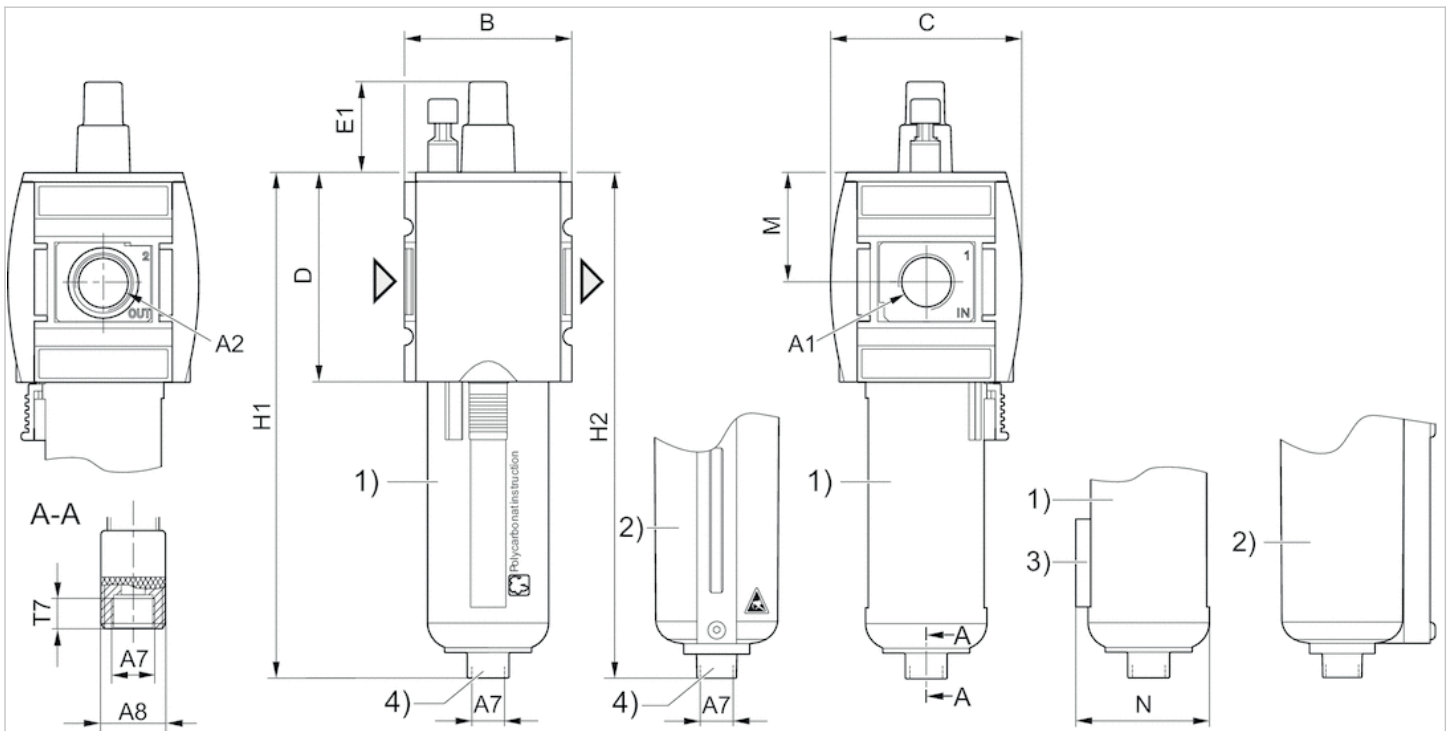
Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene

Material	
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc
Reservoir	Polycarbonate Die cast zinc
Protective guard	Polyamide

Dimensions

Dimensions



A1 = input A2 = output

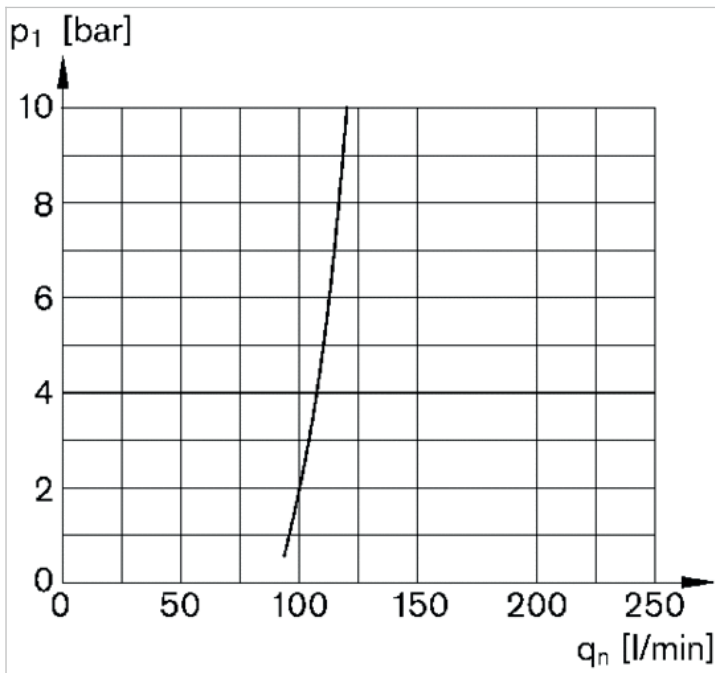
- 1) Plastic reservoir and protective guard with window
- 2) Metal reservoir with inspection glass
- 3) Holder for sensor
- 4) Port for semi-automatic oil filling

Dimensions in mm

A1	A2	A7	A8	B	C	D	E1	H1	H2	M	T7
G 3/4	G 3/4	G 1/8	G 1/4	85	103	109	30.5	239	243	58	8.5
G 3/4	G 3/4	G 1/8	G 1/4	85	103	109	30.5	239	243	58	8.5
G 1	G 1	G 1/8	G 1/4	85	103	109	30.5	239	243	58	8.5

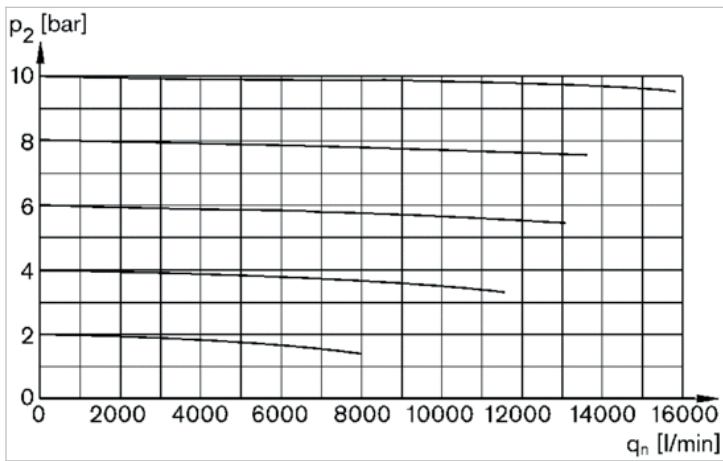
Diagrams

Lubricator activation margin



p_1 = working pressure q_n = nominal flow

Flow rate characteristic



p_2 = secondary pressure q_n = nominal flow