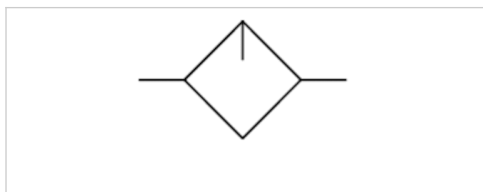


Standard oil-mist lubricator, Series AS5-LBS

- G 3/4 G 1

- Nominal flow Qn 15800 l/min

- suitable for ATEX



Type

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 cm³

Type of filling

Semi-automatic oil filling during operation

Manual oil filling

Weight

See table below

Technical data

Part No.	Port	Nominal flow Qn	Material Reservoir	Protective guard
R412009225	G 3/4	15800 l/min	Polycarbonate	Polyamide
R412009229	G 3/4	15800 l/min	Die cast zinc with window	-
R412009226	G 3/4	15800 l/min	Polycarbonate	Polyamide
R412009231	G 1	15800 l/min	Polycarbonate	Polyamide
R412009235	G 1	15800 l/min	Die cast zinc with window	-
R412009232	G 1	15800 l/min	Polycarbonate	Polyamide

Part No.	Reservoir	Weight	
R412009225	reservoir, PA, with PA protective guard	0,76 kg	1)
R412009229	reservoir, metal, standard, with inspection glass	0,762 kg	1)
R412009226	reservoir, PA, with PA protective guard	0,77 kg	2)
R412009231	reservoir, PA, with PA protective guard	0,76 kg	1)
R412009235	reservoir, metal, standard, with inspection glass	0,762 kg	1)
R412009232	reservoir, PA, with PA protective guard	0,77 kg	2)

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

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

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

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".

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.

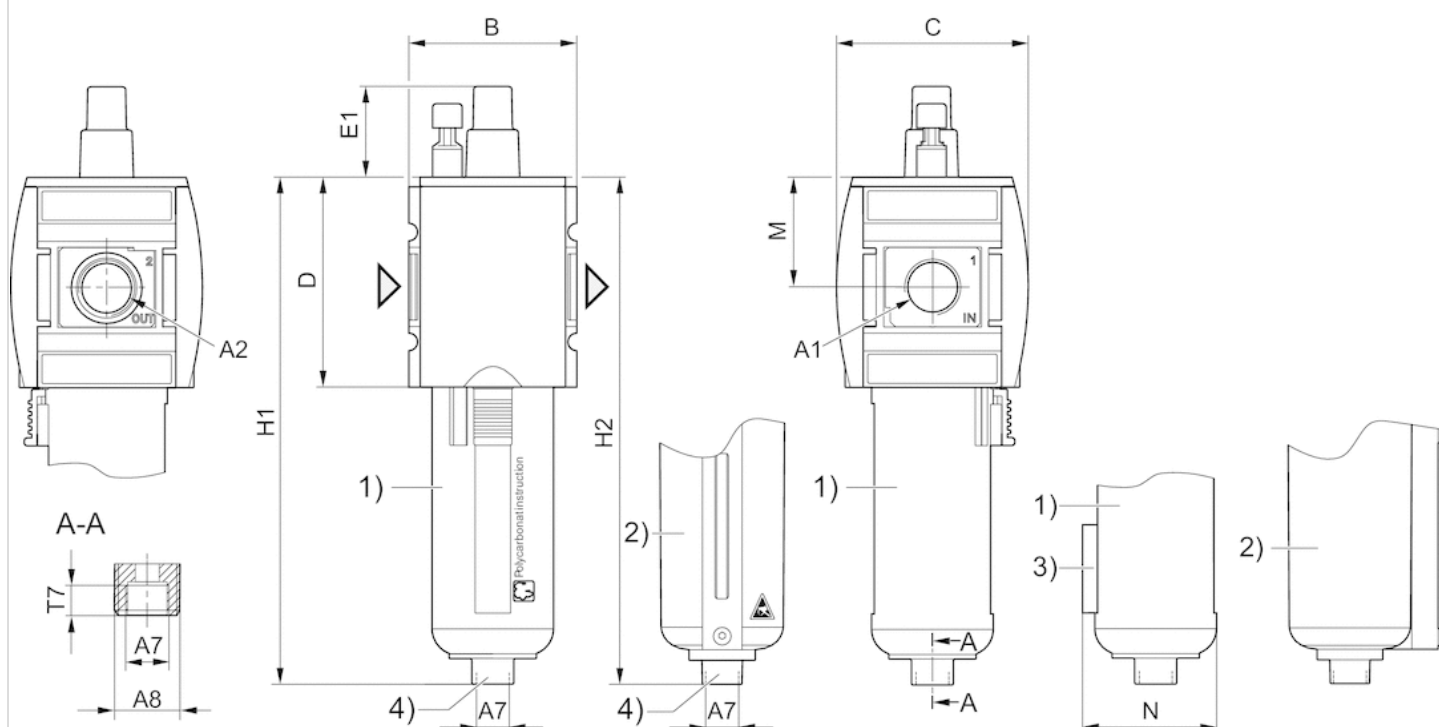
Oil dosing at 1000 l/min 1-2 drops

Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
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

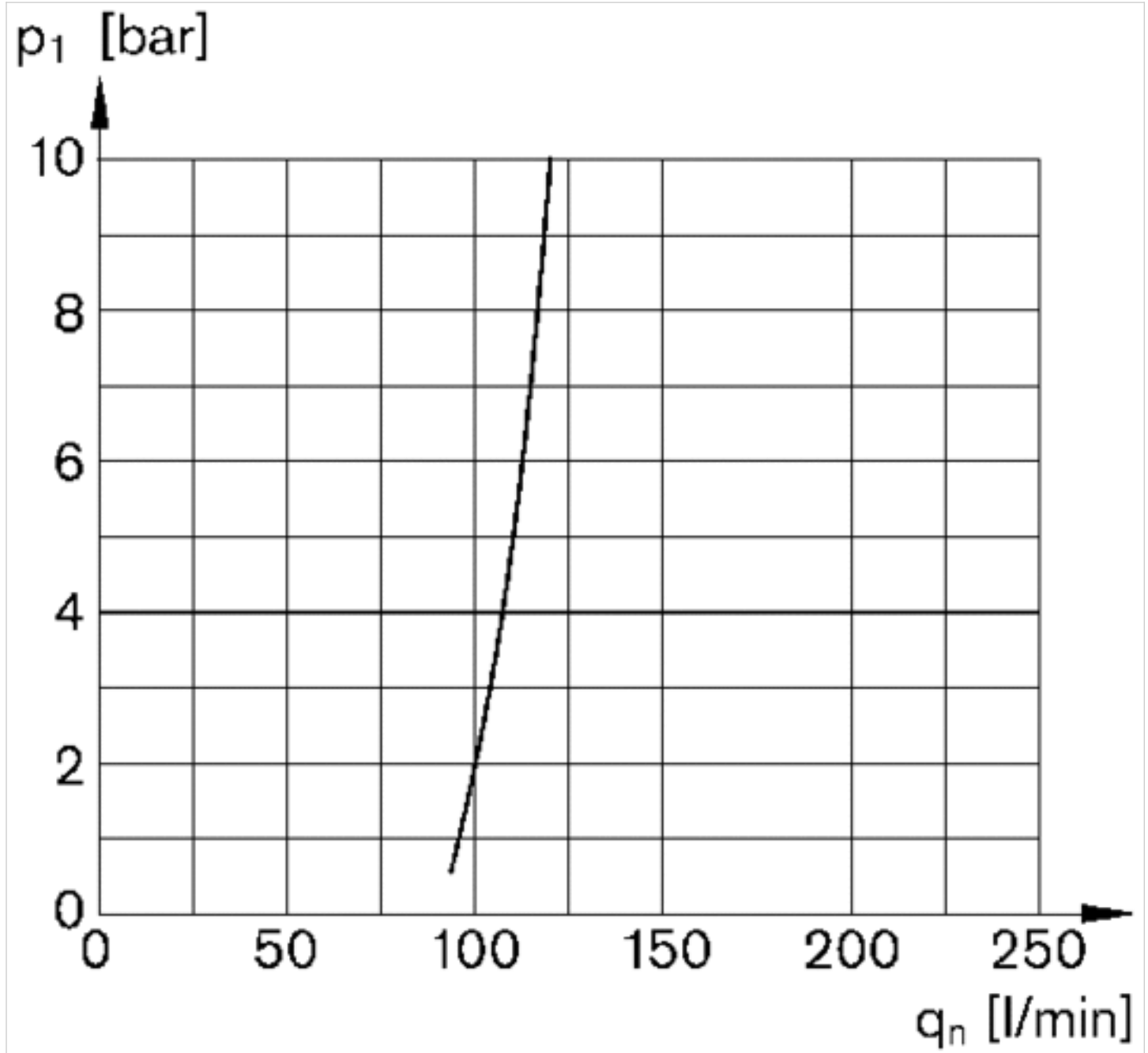
4) Port for semi-automatic oil filling

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 1	G 1	G 1/8	G 1/4	85	103	109	30.5	239	243	58	8.5

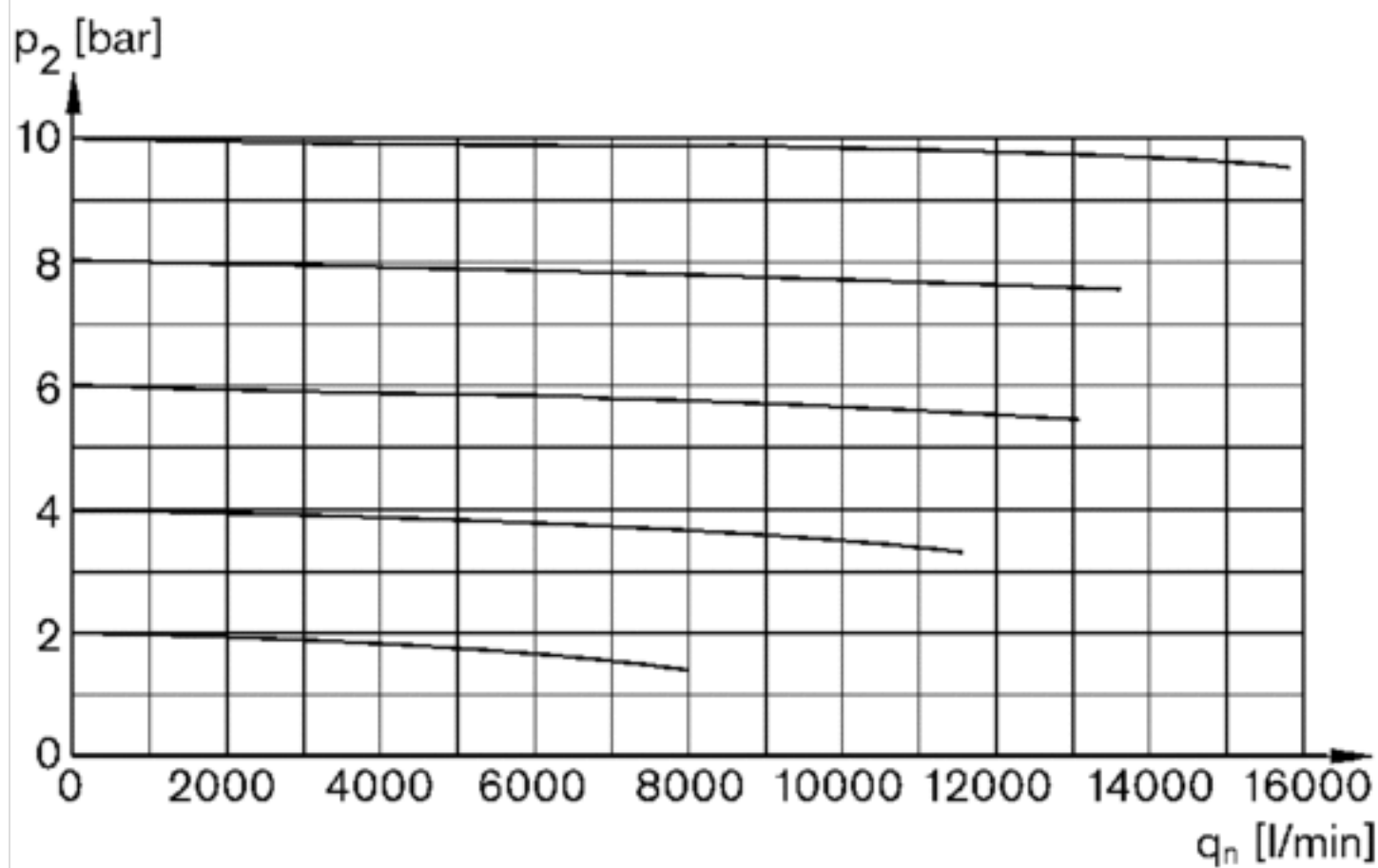
Diagrams

Lubricator activation margin



p_1 = working pressure
 q_n = nominal flow

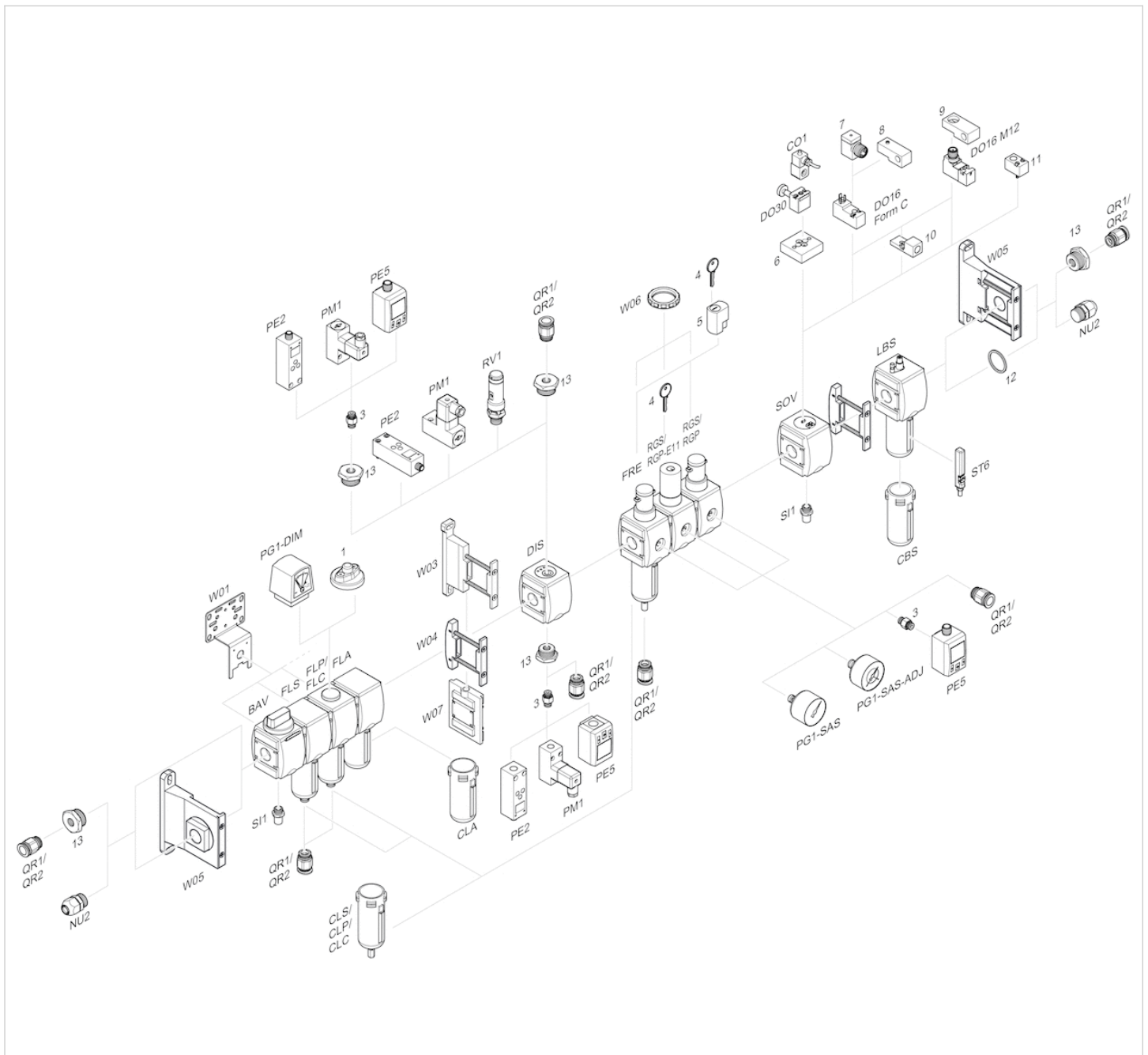
Flow rate characteristic



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
- 13 = Reducing nipple

Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



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2020-12



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