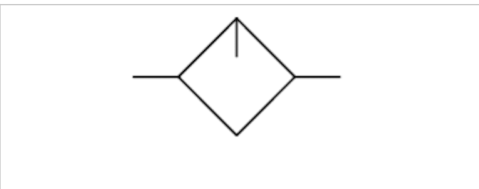
Standard oil-mist lubricator, Series NL4-LBS

- G 1/2 G 3/4
- Nominal flow Qn 6000 l/min
- suitable for ATEX



Type	Oil-mist lubricator, Can be assembled into blocks
Parts	Standard oil-mist lubricator
Mounting orientation	vertical
Working pressure min./max.	0,5 ... 16 bar
Ambient temperature min./max.	-10 ... 60 °C
Medium temperature min./max.	-10 ... 60 °C
Medium	Compressed air Neutral gases
Type of filling	Manual oil filling
Weight	See table below

Technical data

Part No.	Port	Nominal flow Qn	Lubricator reservoir volume	Material Reservoir	Protective guard
0821301500	G 1/2	6000 l/min	125 cm³	Polycarbonate	-
0821301501	G 1/2	6000 l/min	125 cm³	Polycarbonate	Steel
0821301515	G 1/2	6000 l/min	116 cm³	Polycarbonate	-
0821301502	G 1/2	6000 l/min	125 cm³	Die cast zinc with window	-
0821301540	G 3/4	6000 l/min	125 cm³	Polycarbonate	-
0821301541	G 3/4	6000 l/min	125 cm³	Polycarbonate	Steel
0821301545	G 3/4	6000 l/min	116 cm³	Polycarbonate	-
0821301542	G 3/4	6000 l/min	125 cm³	Die cast zinc with window	-

Part No.	Reservoir	Electrical level indicator
0821301500	reservoir, polycarbonate, without protective guard	-
0821301501	reservoir, polycarbonate, with metal protective guard	-
0821301515	reservoir, polycarbonate, without protective guard	with internal query
0821301502	reservoir, metal, with inspection glass	-
0821301540	reservoir, polycarbonate, without protective guard	-
0821301541	reservoir, polycarbonate, with metal protective guard	-
0821301545	reservoir, polycarbonate, without protective guard	with internal query
0821301542	reservoir, metal, with inspection glass	-

Part No.	Weight	
0821301500	0,684 kg	1)
0821301501	0,776 kg	1)
0821301515	0,725 kg	-
0821301502	0,9 kg	1)
0821301540	0,684 kg	1)
0821301541	0,776 kg	1)
0821301545	0,725 kg	-
0821301542	0,9 kg	1)

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

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

Technical information

The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
The entire preset drip quantity enters the pressure system.
Manual oil filling possible during operation.
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.

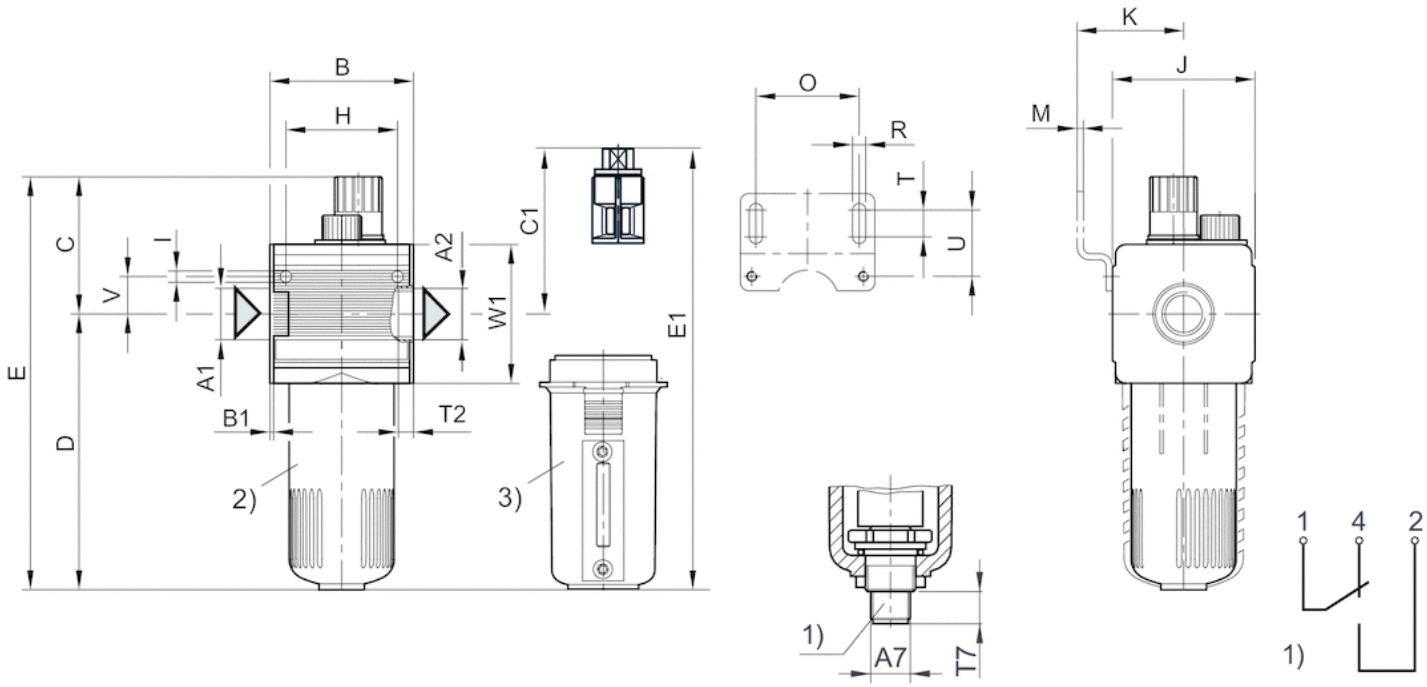
Oil dosing at 1000 l/min 1-2 drops

Technical information

Material	
Housing	Die cast zinc
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc
Reservoir	Polycarbonate Die cast zinc
Protective guard	Steel

Dimensions

Dimensions



A1 = input
A2 = output
1) electrical level indicator
– connection: 4-pin, M12x1
– contact load: 50 V AC/0.5 A/5 W
– type: 1 change-over contact (make contact/break contact) for min. fluid level
Order valve plug connector (M12x1) separately
2) PC reservoir
3) Metal reservoir with level indicator

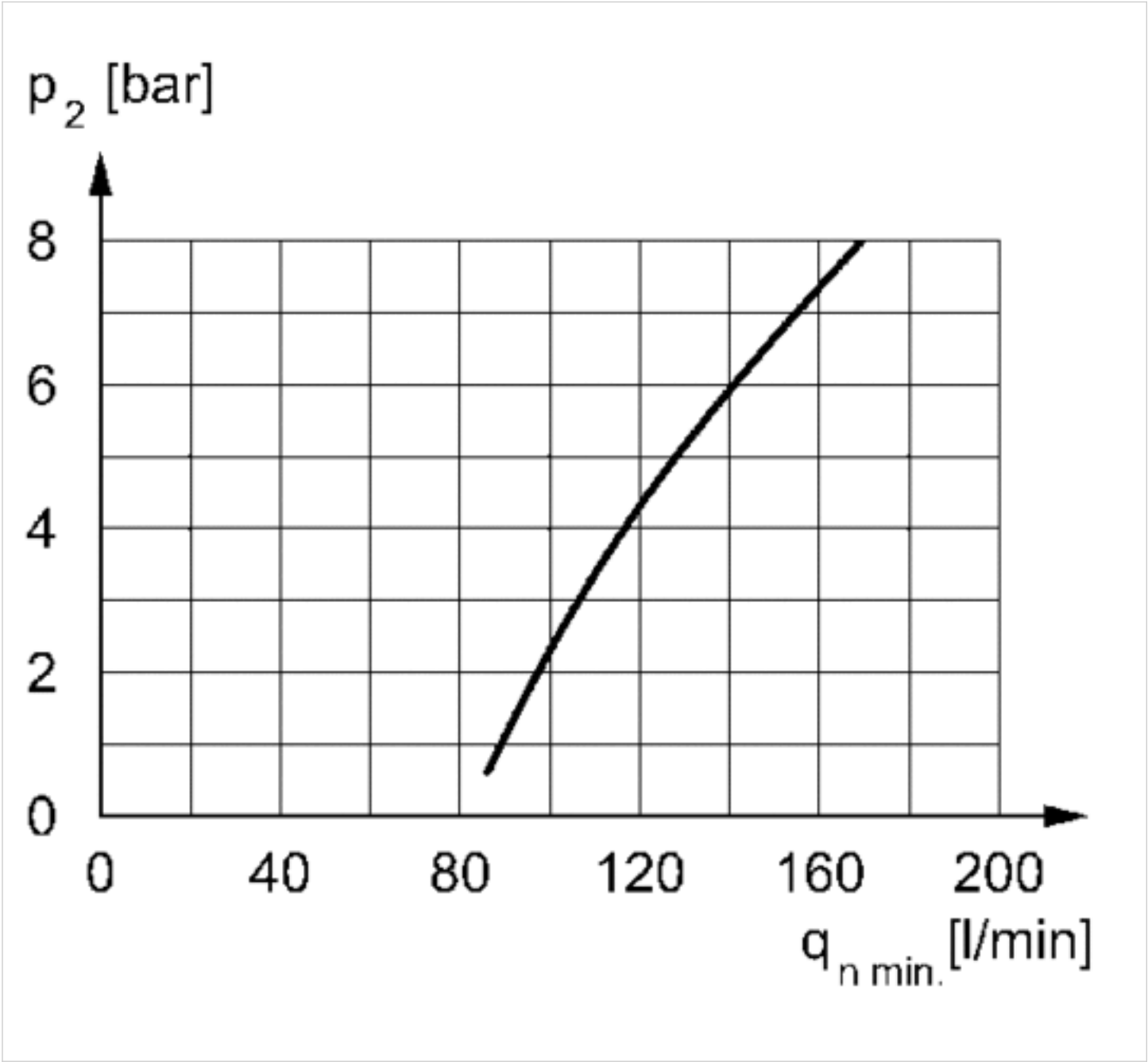
Dimensions in mm

A1	A2	A7	B	B1	C	C1	D	D2	E	E1	F	H	I	J	K	M	O	P	R	S	T	T2	T7
G 1/2	G 1/2	M12x1	69.5	1.8	65	-	132	12	197	-	M12x1	54	5.5	67	54.5	3	50	20	6.4	10	13	13	12
G 1/2	G 1/2	M12x1	69.5	1.8	65	81	132	12	197	212	M12x1	54	5.5	67	54.5	3	50	20	6.4	10	13	13	12
G 3/4	G 3/4	M12x1	69.5	1.8	65	-	132	12	197	-	M12x1	54	5.5	67	54.5	3	50	20	6.4	10	13	13	12
G 3/4	G 3/4	M12x1	69.5	1.8	65	81	132	12	197	212	M12x1	54	5.5	67	54.5	3	50	20	6.4	10	13	13	12

U	V	W1
33	18	67
33	18	67
33	18	67
33	18	67

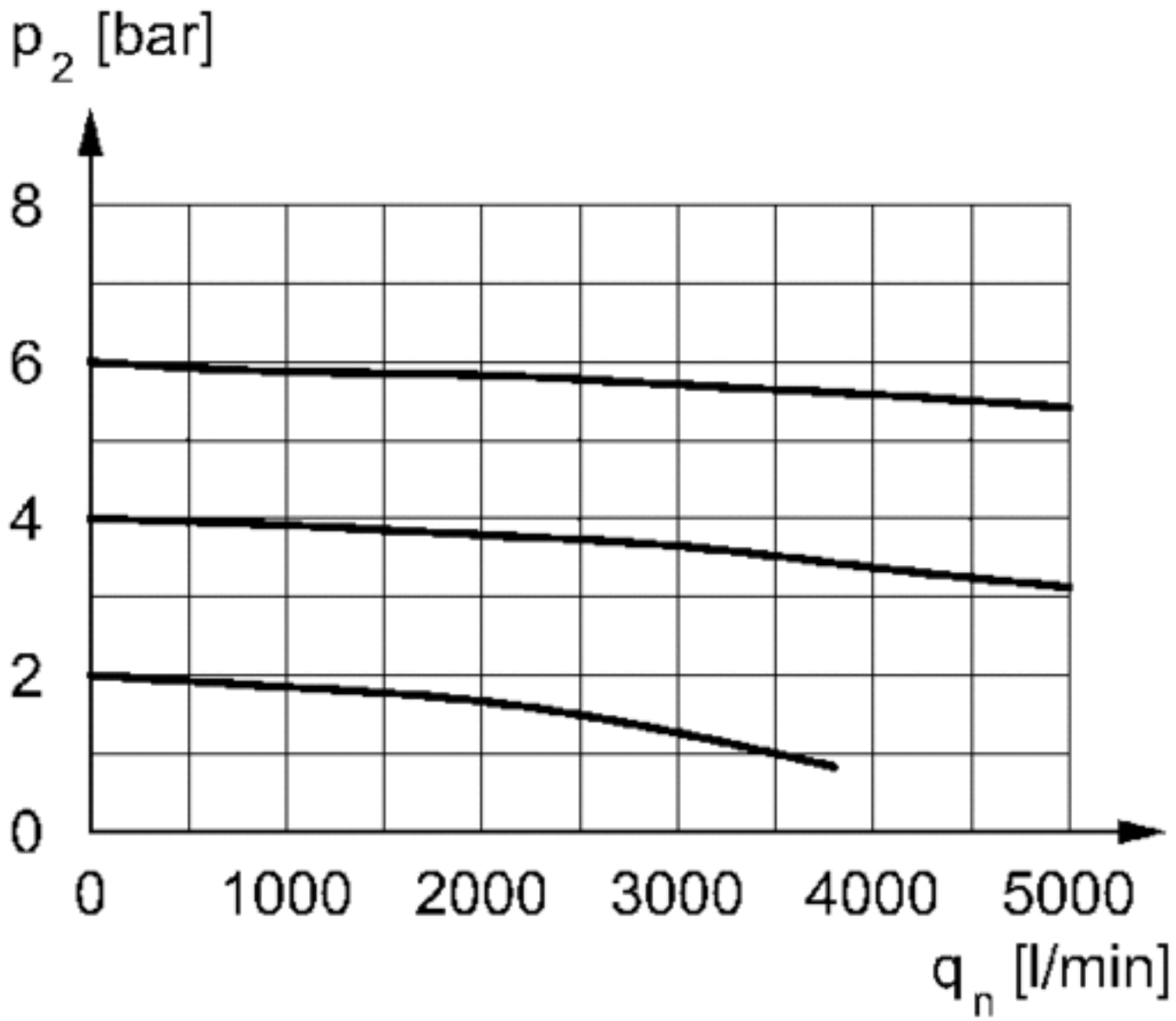
Diagrams

minimum flow rate curve (flow rate necessary for the correct functioning of the lubricator)



p2 = secondary pressure
qnmin. = min. nominal flow

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

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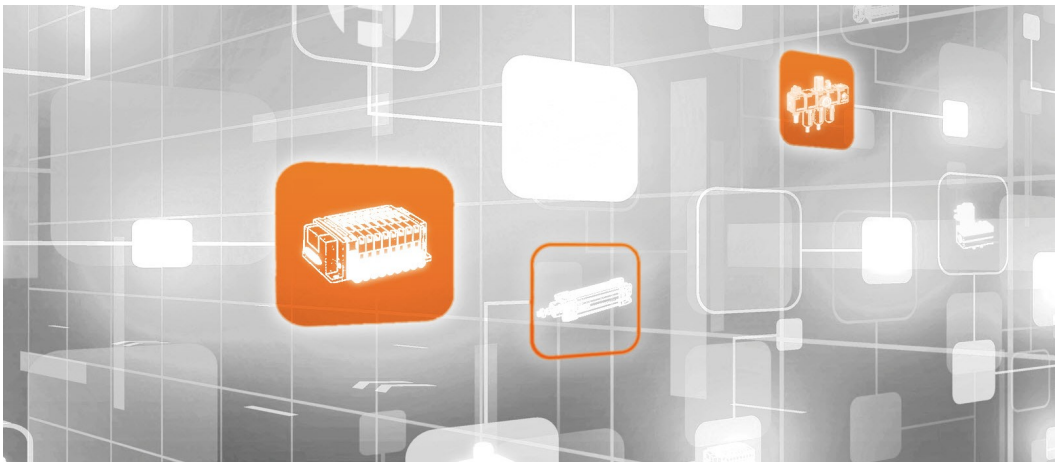

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