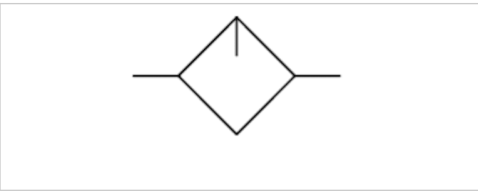


Micro oil-mist lubricator, Series NL1-LBM

- G 1/8 G 1/4
- Nominal flow Qn 1000 l/min
- suitable for ATEX



Type	Micro oil-mist lubricator, Can be assembled into blocks
Parts	Micro oil-mist lubricator
Mounting orientation	vertical
Certificates	suitable for ATEX
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
Lubricator reservoir volume	35 cm³
Type of filling	Manual oil filling
Weight	See table below

Technical data

Part No.	Port	Nominal flow Qn	Material Reservoir
0821301702	G 1/8	1000 l/min	Polycarbonate
0821301703	G 1/8	1000 l/min	Die cast zinc
0821301704	G 1/4	1000 l/min	Polycarbonate
0821301705	G 1/4	1000 l/min	Die cast zinc

Part No.	Reservoir	Weight
0821301702	reservoir, polycarbonate, without protective guard	0,23 kg
0821301703	reservoir, metal, standard, without inspection glass	0,262 kg
0821301704	reservoir, polycarbonate, without protective guard	0,23 kg
0821301705	reservoir, metal, standard, without inspection glass	0,262 kg

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

Suitable for use in Ex zones 1, 2, 21, 22., Metal protective guard can be retrofitted for all polycarbonate reservoirs

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.

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.

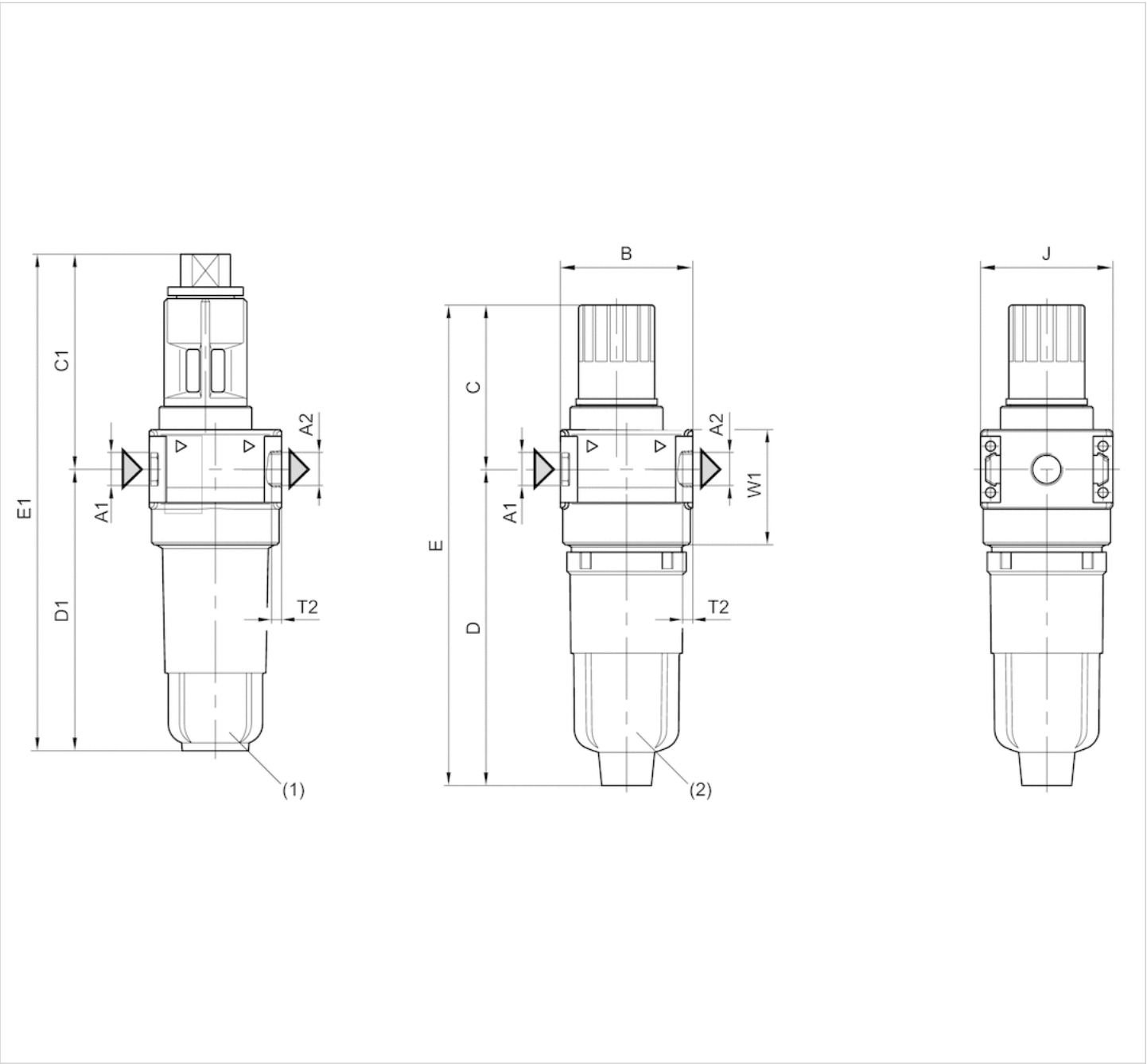
Oil dosing at 1000 l/min 10-20 drops

Technical information

Material	
Housing	Die cast zinc
Seals	Acrylonitrile butadiene rubber
Reservoir	Polycarbonate Die cast zinc

Dimensions

Dimensions



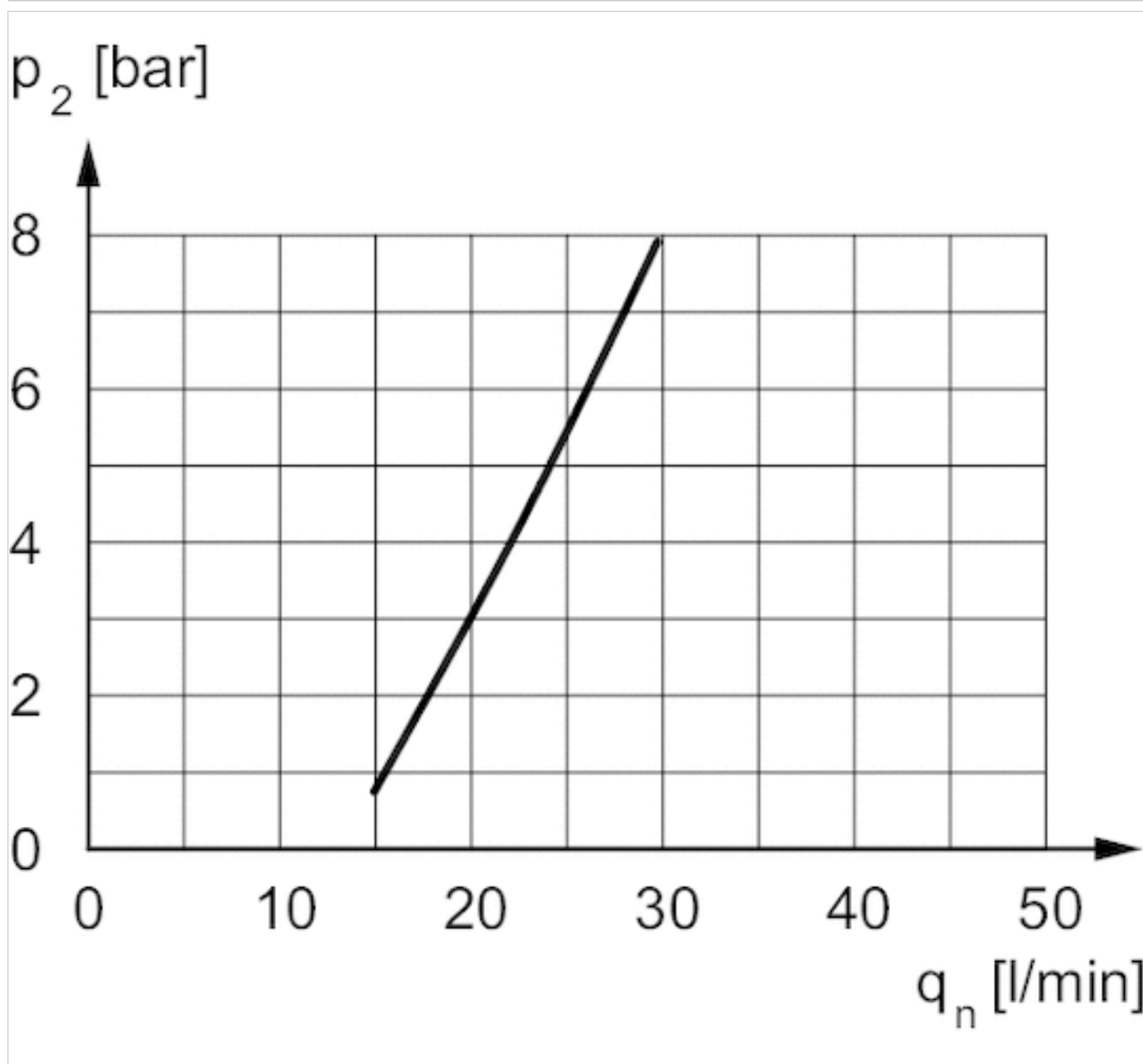
A1 = input
A2 = output
1) Metal reservoir
2) PC reservoir

Dimensions in mm

A1	A2	B	C	C1	D	D1	E	E1	J	T2	W1
G 1/8	G 1/8	40	50	65	95.5	85	145.5	150	40	8	35
G 1/4	G 1/4	40	50	65	95.5	85	145.5	150	40	8	35

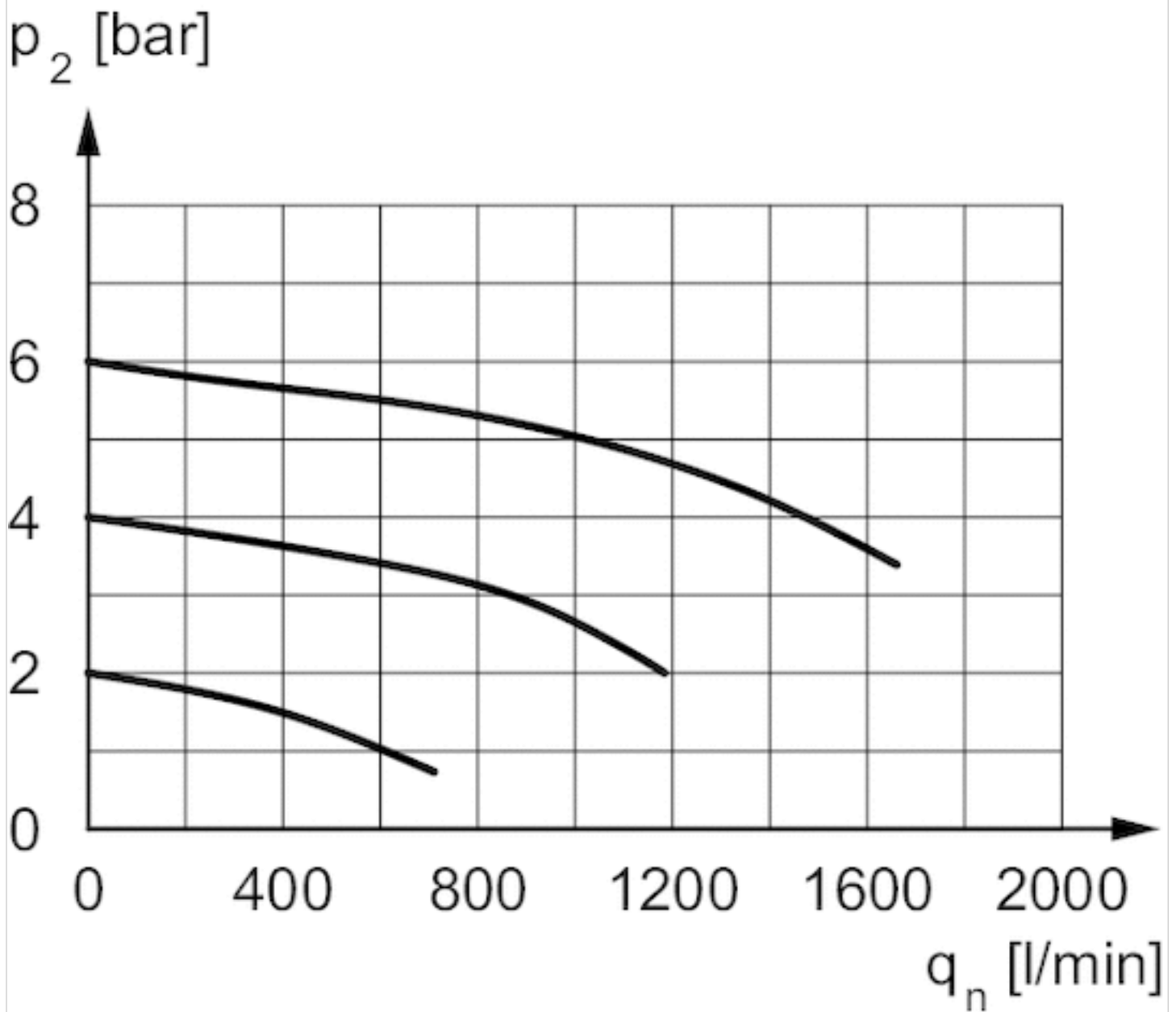
Diagrams

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



p_2 = secondary pressure
 $q_{nmin.}$ = min. nominal flow

Flow rate characteristic



p_2 = secondary pressure
 q_n = nominal flow

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



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