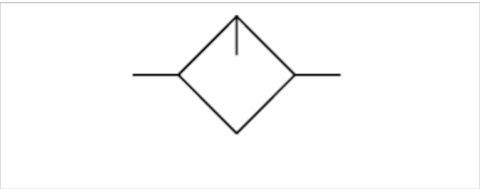
Micro oil-mist lubricator, Series NL2-LBM

- G 1/4
- Nominal flow Qn 1300 l/min



Type	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.	0,5 ... 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

Technical data

Part No.	Port	Nominal flow Qn	Lubricator reservoir volume	Material Reservoir	Protective guard
0821301411	G 1/4	1300 l/min	50 cm³	Polycarbonate	-
0821301415	G 1/4	1300 l/min	50 cm³	Polycarbonate	Steel
R412007651	G 1/4	1300 l/min	50 cm³	Die cast zinc with window	-
0821301412	G 1/4	1300 l/min	50 cm³	Polycarbonate	-
0821301413	G 1/4	1300 l/min	1000 cm³	Die cast zinc with window	-

Part No.	Reservoir	Electrical level indicator
0821301411	reservoir, polycarbonate, without protective guard	-
0821301415	reservoir, polycarbonate, with metal protective guard	-
R412007651	reservoir, metal, with inspection glass	-
0821301412	reservoir, polycarbonate, without protective guard	with internal query
0821301413	1.0 l metal reservoir with window	with internal query

Part No.	ATEX	Fig.	
0821301411	suitable for ATEX	Fig. 1	1)
0821301415	suitable for ATEX	Fig. 1	1)
R412007651	suitable for ATEX	Fig. 2	1)
0821301412	-	Fig. 1	-
0821301413	-	Fig. 3	-

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 .
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".
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.

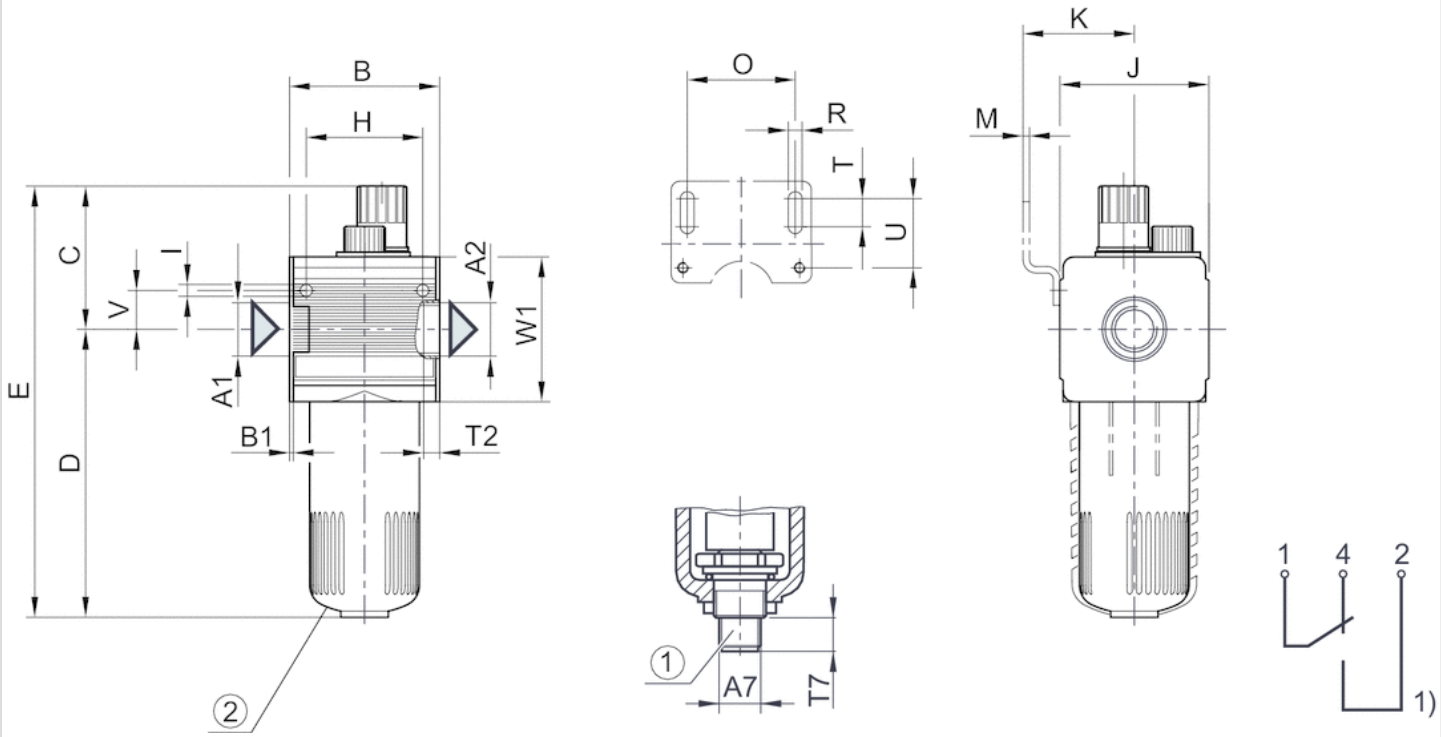
Oil dosing at 1000 l/min 10-20 drops

Technical information

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

Dimensions

Fig. 1, PC reservoir



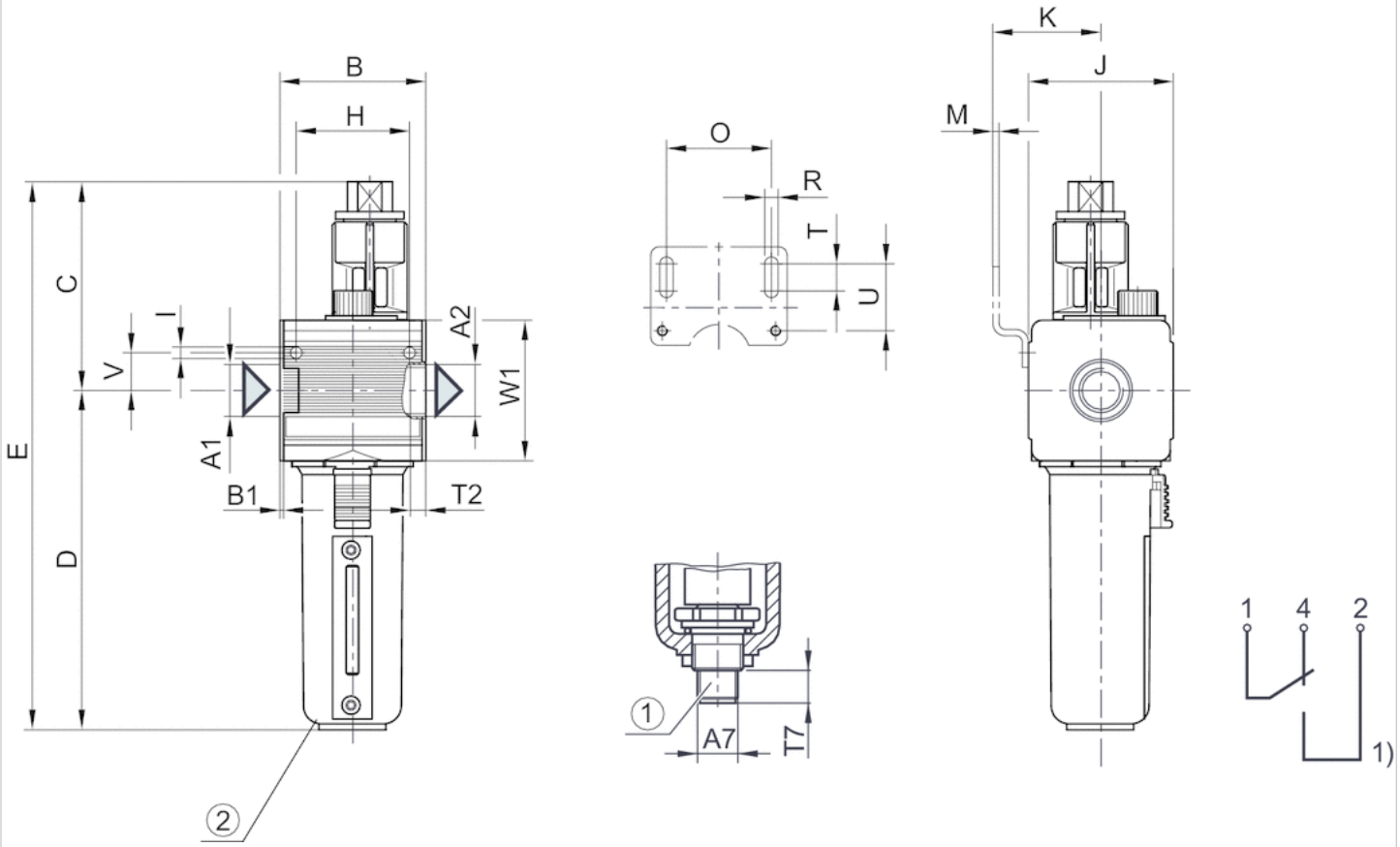
1) electrical level indicator
– connection: 4-pin, M12x1
– contact load: 50 V AC/0.5 A/5 W
– type: 1 change-over contact (make contact/break contact) for min. fluid level
Order valve plug connector (M12x1) separately
2) PC reservoir

Dimensions in mm

A1	A2	A7	B	B1	C	D	E	H	I	J	K	M	O	R	T	T2	T7	U	V	W1
G 1/4	G 1/4	M12x1	48	1.5	58	109	167	36	4.4	47	43.5	3	38	5.4	8	9.5	12	27.5	12.3	52

Dimensions

Fig. 2, Metal reservoir with level indicator



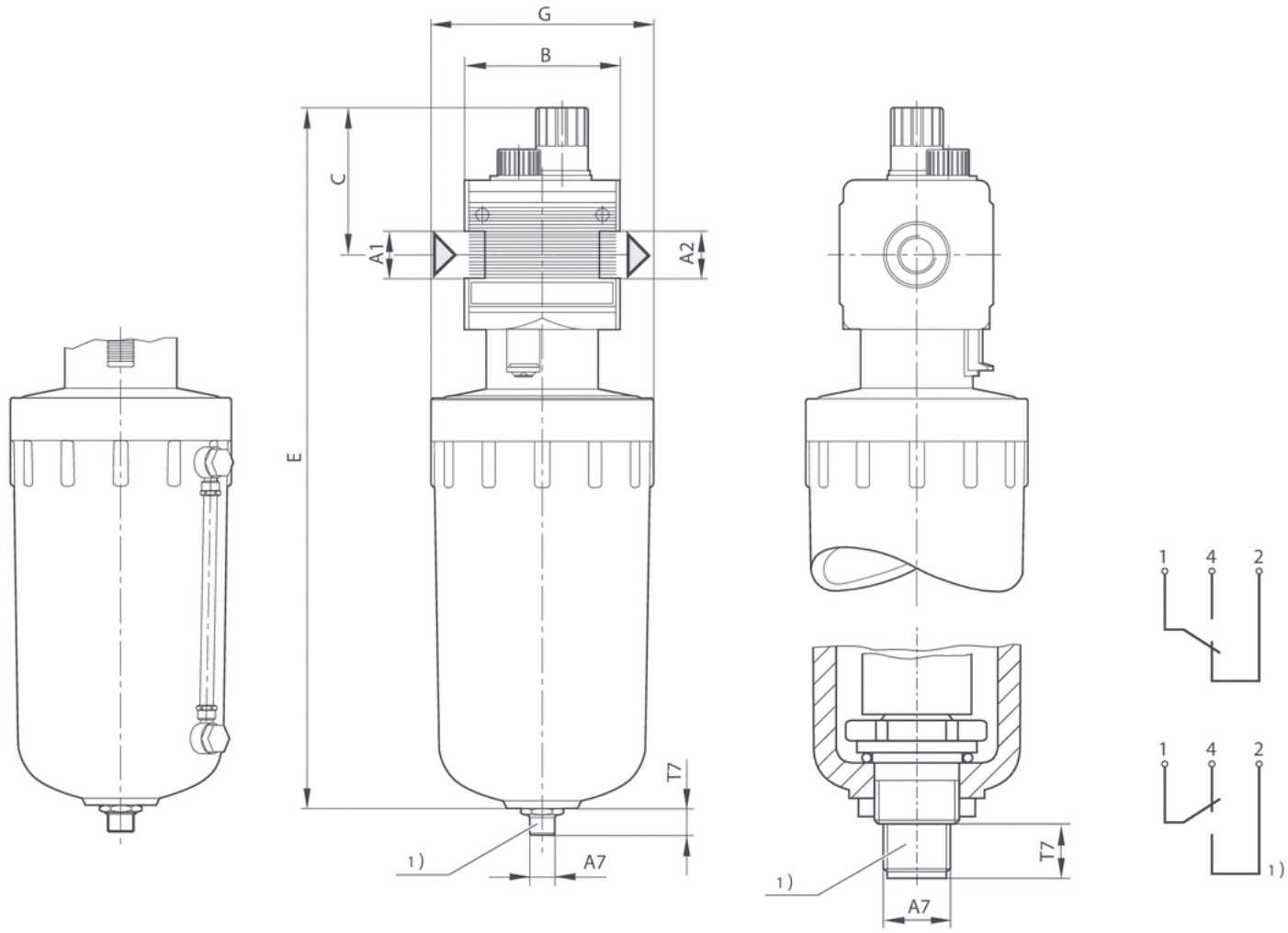
1) electrical level indicator
– connection: 4-pin, M12x1
– contact load: 50 V AC/0.5 A/5 W
– type: 1 change-over contact (make contact/break contact) for min. fluid level
Order valve plug connector (M12x1) separately
2) Metal reservoir with level indicator

Dimensions in mm

Part No.	A2	A7	B	B1	C	D	E	H	I	J	K	M	O	R	T	T2	T7	U	V	W1
R412007651	G 1/4	M12x1	48	1.5	58	109	182	36	4.4	47	43.5	3	38	5.4	8	9.5	12	27.5	12.3	52

Dimensions

Fig. 3, Dimensions, Metal reservoir



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

Dimensions in mm

Lubricator reservoir volume	A2	A7	B ±5	C ±5	E	G ±5	T7
1000 cm³	G 1/4	M12x1	48	58	299	Ø 100	12 ±2,5

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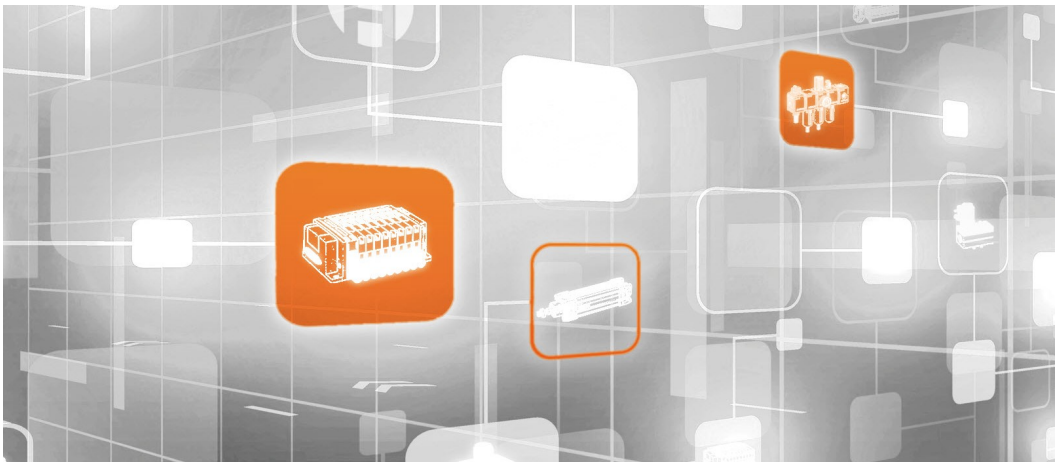

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