

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.

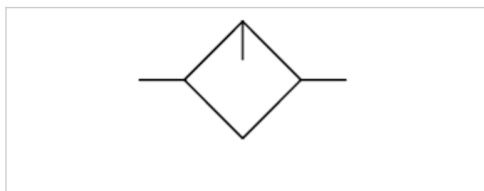
-10 ... 60 °C

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 cm ³	Polycarbonate	-
0821301415	G 1/4	1300 l/min	50 cm ³	Polycarbonate	Steel
R412007651	G 1/4	1300 l/min	50 cm ³	Die cast zinc with window	-
0821301412	G 1/4	1300 l/min	50 cm ³	Polycarbonate	-
0821301413	G 1/4	1300 l/min	1000 cm ³	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

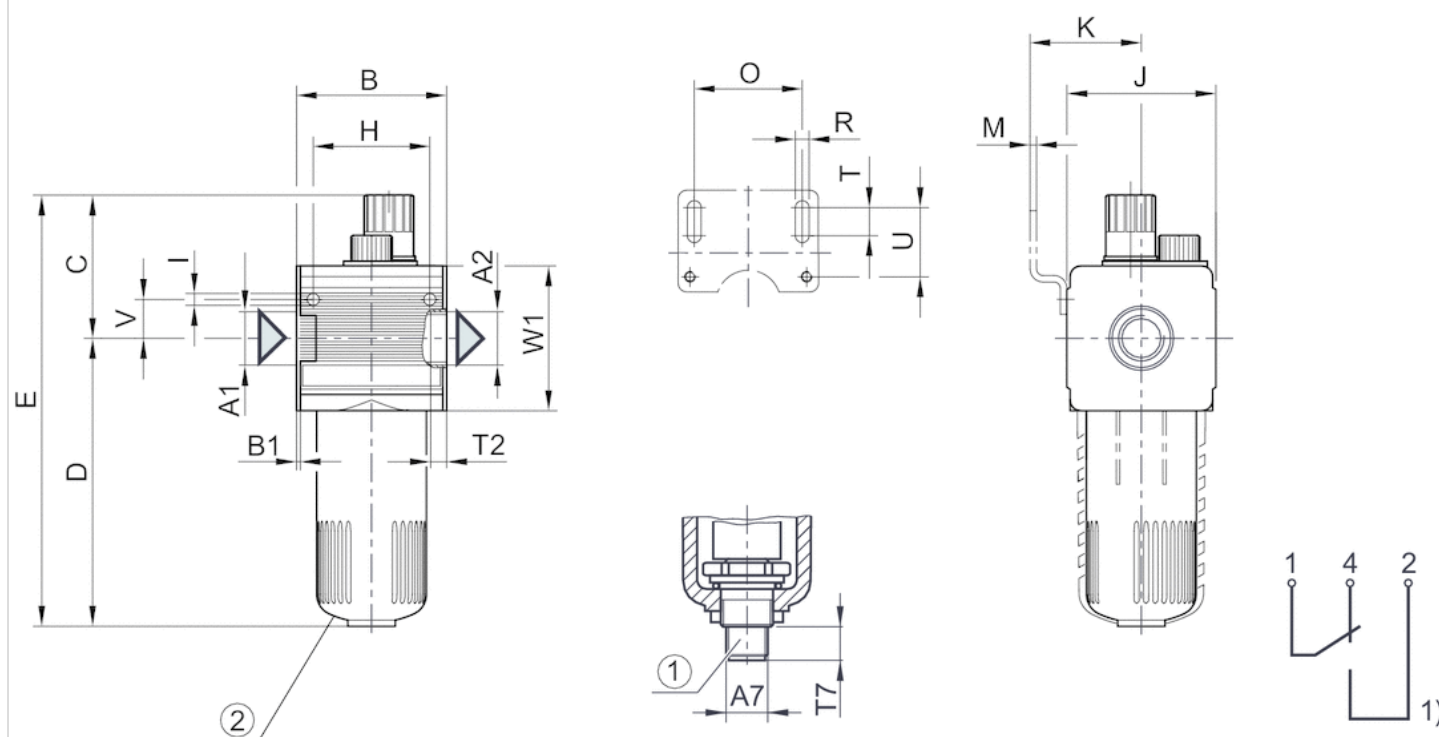
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
Only approx. 10% of the preset drip quantity enters the compressed air system.
oil filling not possible during operation.
Note: Polycarbonate reservoirs are susceptible to solvents, supplementary 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



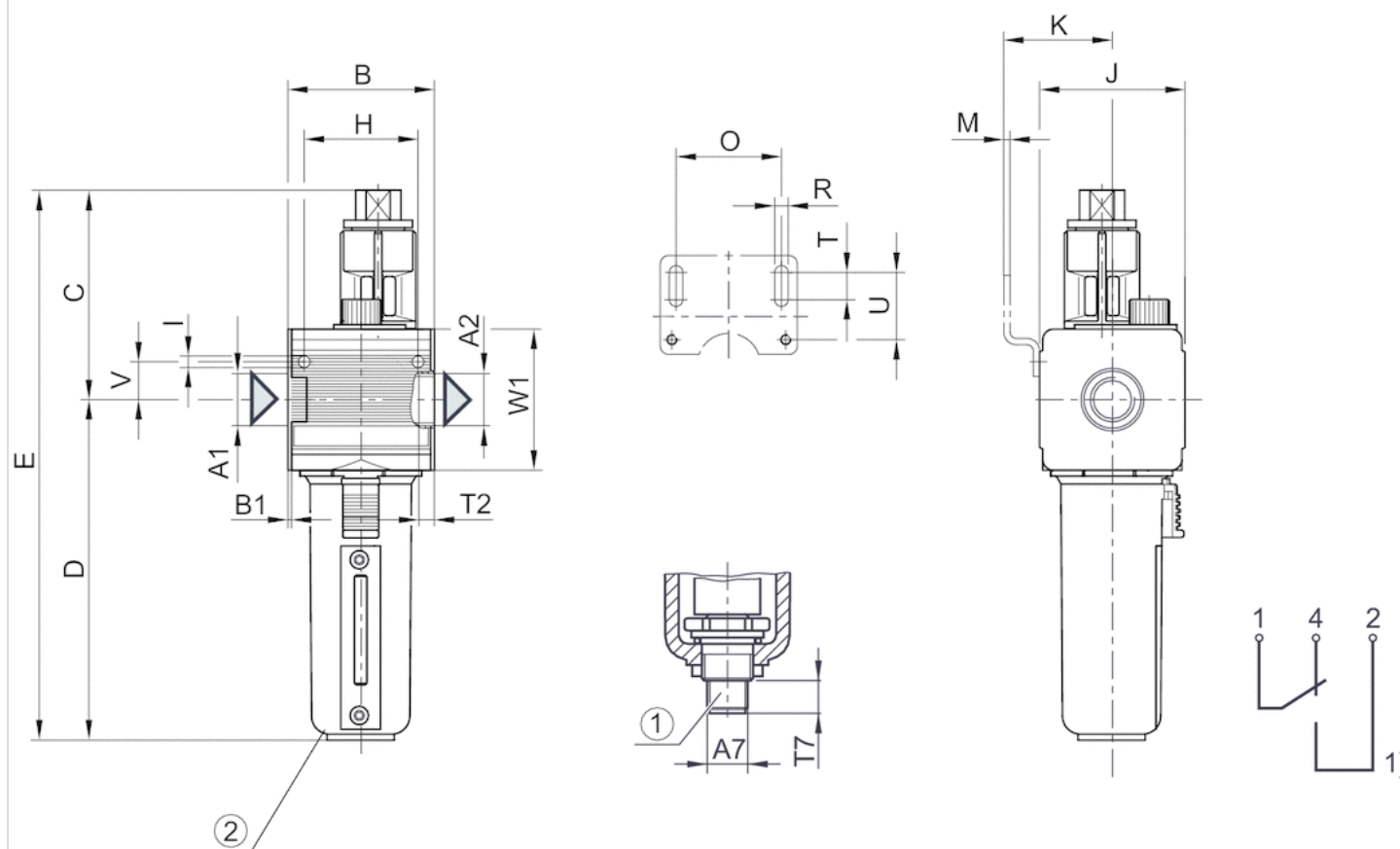
- 1) electrical level indicator
 – connection: 4-pin, M12x1
 – contact load: 50 V AC/0.5 A/5 W
 – type: 1 change-over contact (make contact/break contact) for min. fluid level
 Order valve plug connector (M12x1) separately
 2) PC reservoir

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



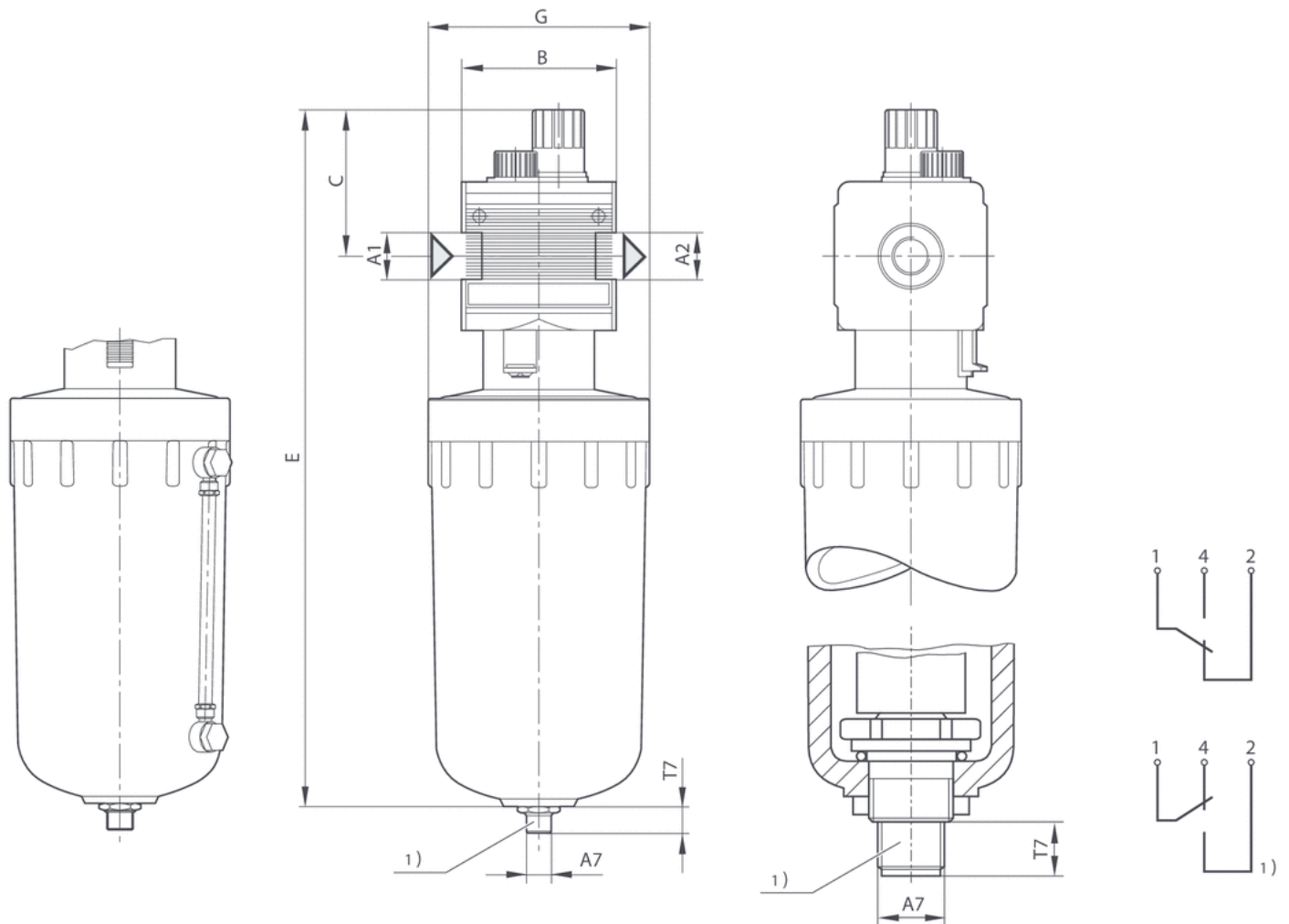
- 1) electrical level indicator
 – connection: 4-pin, M12x1
 – contact load: 50 V AC/0.5 A/5 W
 – type: 1 change-over contact (make contact/break contact) for min. fluid level
 Order valve plug connector (M12x1) separately
 2) Metal reservoir with level indicator

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 cm ³	G 1/4	M12x1	48	58	299	Ø 100	12 ±2,5

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