0821301702

AVENTICS Series NL1 Air Preparation Units

The AVENTICS Series NL maintenance units are suitable for all areas: as individual components or as assembled maintenance units, for centralized or decentralized compressed air preparation, in compact or powerful versions, for use in high or low temperatures. This line offers a complete, customizable compressed air preparation technology. It includes an option to combine every component in the Series to achieve the desired function, making it possible to adjust the components precisely to the application requirements.





Technical data

Industry Industrial
Parts Lubricator

Reservoir reservoir, polycarbonate, without protective guard

Compressed air connection G 1/8

Nominal flow Qn

Mounting orientation

Min. working pressure

Max. working pressure

Min. ambient temperature

1000 l/min

vertical

0.5 bar

16 bar

-10 °C

Min. ambient temperature -10 °C Max. ambient temperature 60 °C

Medium Compressed air Neutral gases

Type of filling Manual oil filling

Lubricator reservoir volume 35 cm³
Oil dosing at 1000 l/min 10-20 drops

Function Micro oil-mist lubricator

Function Can be assembled into blocks

Weight 0.23 kg

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Material

Housing material Die cast zinc

Seal material Acrylonitrile butadiene rubber

Material reservoir Polycarbonate Part No. 0821301702

Technical information

The pressure dew point must be at least 15 °C less than 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.

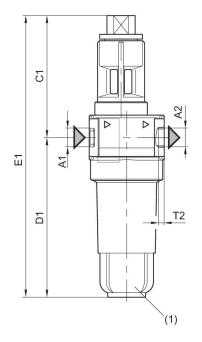
Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 1 bar

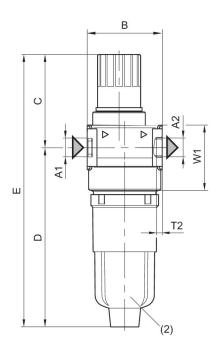
Note: Polycarbonate reservoirs are susceptible to solvents, supplementary information can be found at "Customer information".

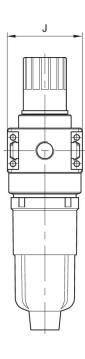
A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

Metal protective guard can be retrofitted for all polycarbonate reservoirs

Dimensions







A1 = input A2 = output

¹⁾ Metal reservoir

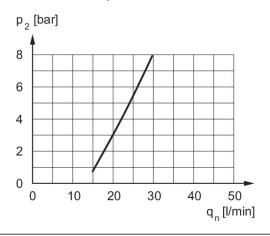
²⁾ PC reservoir

Dimensions in mm

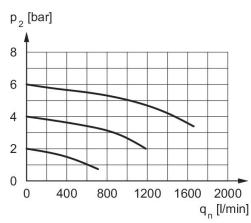
Part No. G 1/8	A1	A2	В	С	C1	D	D1	Е	E1
0821301702	G 1/8	G 1/8	40	50	65	95.5	85	145.5	150
0821301703	G 1/8	G 1/8	40	50	65	95.5	85	145.5	150
0821301704	G 1/4	G 1/4	40	50	65	95.5	85	145.5	150
0821301705	G 1/4	G 1/4	40	50	65	95.5	85	145.5	150

Part No. G 1/8		T2	W1
0821301702	40	8	35
0821301703	40	8	35
0821301704	40	8	35
0821301705	40	8	35

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



Flow rate characteristic, p2 = 0,05 - 7 bar



p2 = secondary pressure qn = nominal flow

p2 = secondary pressure qnmin. = min. nominal flow