

# Active carbon filter, Series NL1-FLA

- G 1/8

- suitable for ATEX



Version	Active carbon filter, Can be assembled into blocks
Parts	Active carbon filter
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
Filter reservoir volume	16 cm <sup>3</sup>
Filter element	exchangeable
Weight	See table

## Technical data

Part No.	Port	Qn	Weight
0821303720	G 1/8	310 l/min	0,19 kg
0821303721	G 1/4	380 l/min	0,21 kg

## Technical information

The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

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.

Recommended pre-filtering 0,01 µm

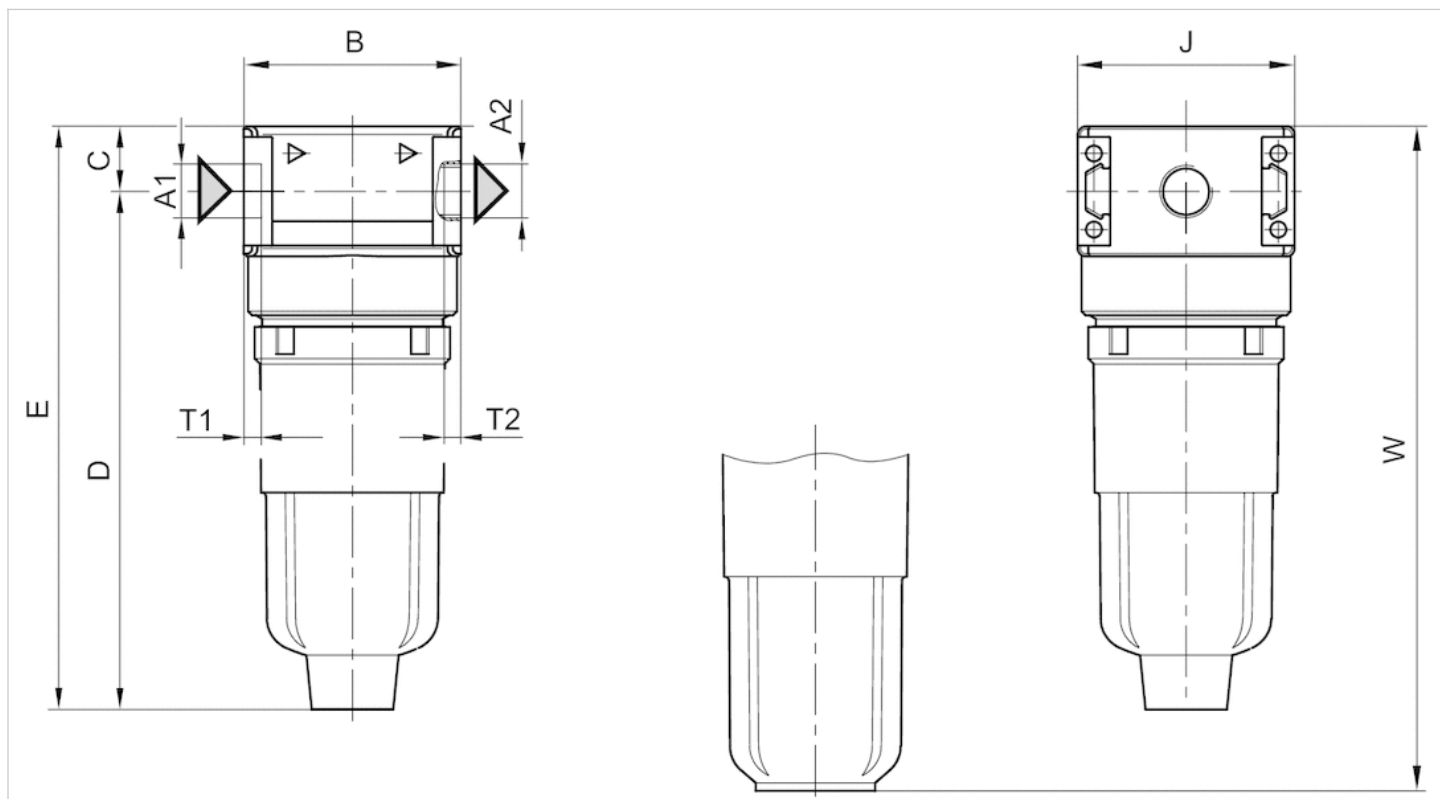
Max. achievable compressed air class acc. to ISO 8573-1:2010 - : - : 1

## Technical information

Material	
Housing	Die cast zinc
Seals	Acrylonitrile butadiene rubber
Reservoir	Polycarbonate
Filter insert	Active carbon

## Dimensions

### Dimensions



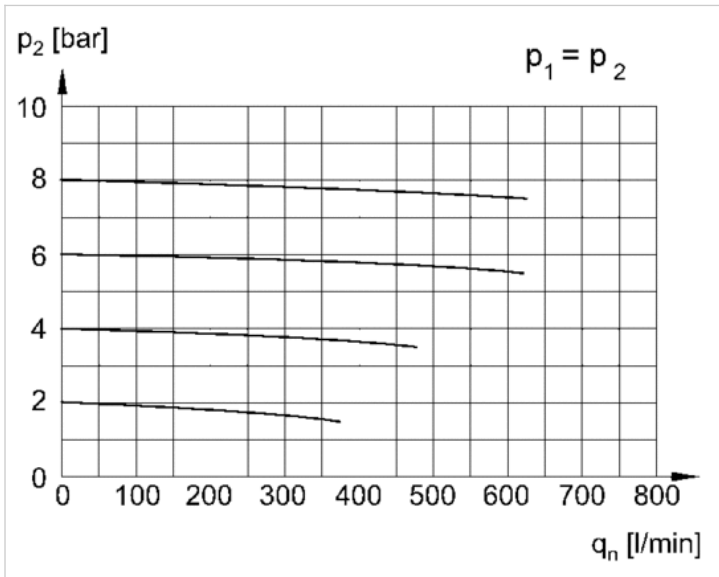
A1 = input A2 = output

### Dimensions in mm

A1	A2	B	C	D	E	J	T1	T2	W
G 1/8	G 1/8	40	12.3	95.5	108	40	8	8	-
G 1/4	G 1/4	40	12.3	-	-	40	8	8	123

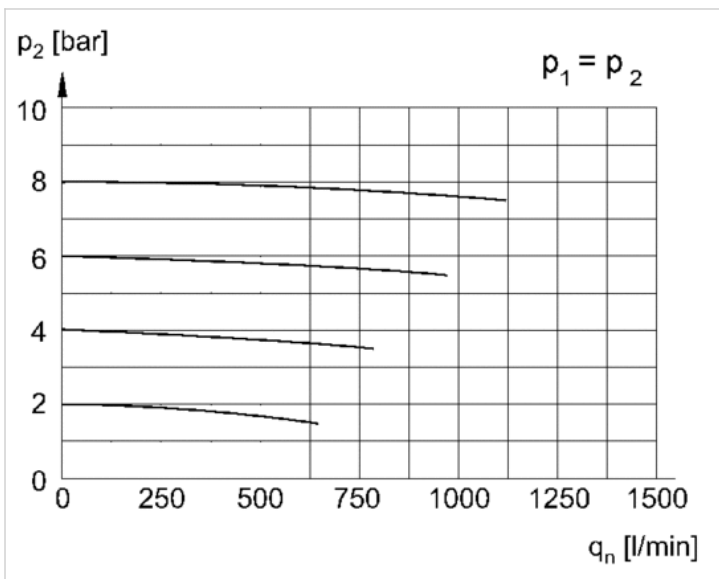
# Diagrams

## Flow rate characteristic G1/8



p2 = secondary pressure  
qn = nominal flow

## Flow rate characteristic G1/4



p2 = secondary pressure  
qn = nominal flow