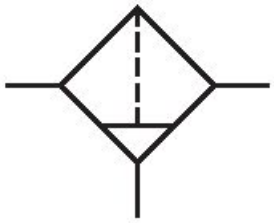
Filter, Series MU1-FLS

R412006571

General series information
Series MU1

- The AVENTICS Series MU1 components are ideal for applications in harsh environments. They offer large thread connections to guarantee a high compressed air flow rate and provide reliable filtration, regulation and lubrication.





Technical data

Industry	Industrial
Parts	Filter
Reservoir	Metal reservoir without window
Port	G 2
Filter porosity	8 µm
Nominal flow Qn	30000 l/min
Condensate drain	fully automatic, open without pressure
Working pressure min.	2 bar
Working pressure max	12 bar
Min. ambient temperature	-10 °C
Max. ambient temperature	60 °C
Medium	Compressed air Neutral gases
Filter reservoir volume	300 cm³

Filter element	exchangeable
Weight	3.5 kg
Mounting orientation	vertical

Material

Housing material	Die cast zinc
Seal material	Acrylonitrile butadiene rubber
Material reservoir	Polycarbonate
Material filter insert	Polyethylene
Part No.	R412006571

Technical information

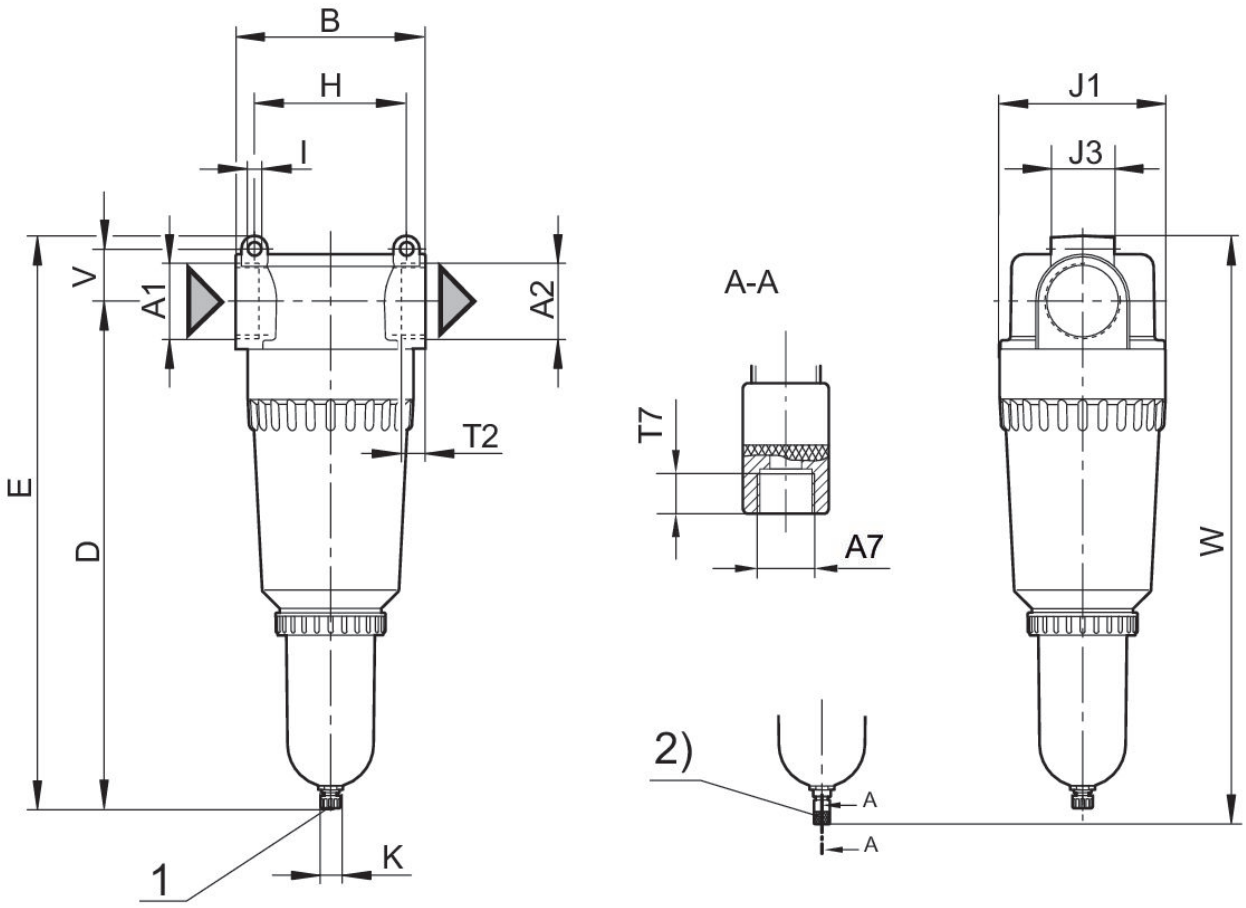
The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

Mounting via 2 through-holes in housing

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

Metal protective guard can be retrofitted for all polycarbonate reservoirs

Dimensions



1) manual condensate drain 2) fully automatic condensate drain

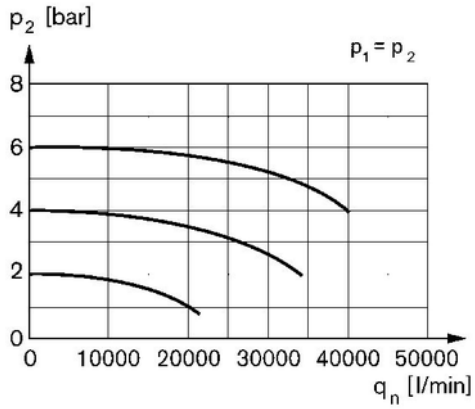
Part No.	A1	A2	A7	B ±7	D ±7	E ±7	H	I	J1
R412000667	G 1 1/2	G 1 1/2	G 1/8	150	383	424	120	10.5	131
R412006568	G 2	G 2	G 1/8	150	400.5	452	120	10.5	131
R412006570	G 2	G 2	G 1/8	150	400.5	452	120	10.5	131
R412006571	G 2	G 2	G 1/8	150	400.5	452	120	10.5	131

Part No.	J3	T2	T7	V ±5	W ±7				
R412000667	50	24	8.5	41	441.5				
R412006568	50	24	8.5	41	464.5				
R412006570	50	24	8.5	41	464.5				
R412006571	50	24	8.5	41	464.5				

Part No.		
R412000667		
R412006568		

Part No.		
R412006570		
R412006571		

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



p2 = secondary pressure qn = nominal flow