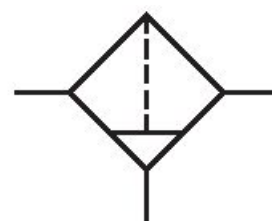# Filter, Series MU1-FLS
R412006568

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	reservoir, polycarbonate, without protective guard
Port	G 2
Filter porosity	60 µm
Nominal flow Qn	30000 l/min
Condensate drain	Manual
Working pressure min.	0 bar
Working pressure max	16 bar
Min. ambient temperature	-10 °C
Max. ambient temperature	60 °C
Medium	Compressed air Neutral gases
Filter reservoir volume	300 cm³

AVENTICS

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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.	R412006568

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 Q_n with secondary pressure p_2 = 6 bar at Δp = 1 bar

Metal protective guard can be retrofitted for all polycarbonate reservoirs

EMERSON™

Dimensions
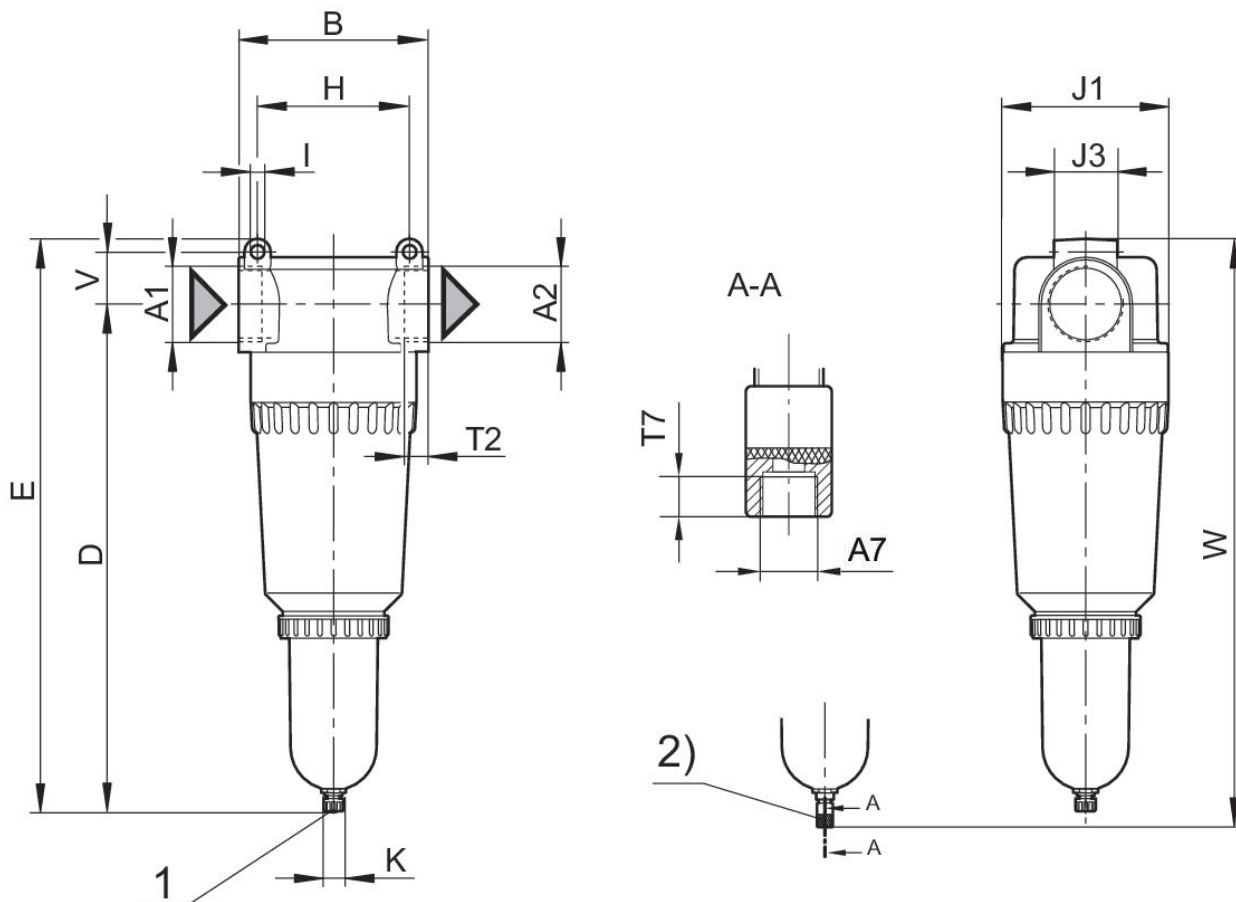
1) manual condensate drain 2) fully automatic condensate drain

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		

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Part No.		
R412006570		
R412006571		

Flow rate characteristic, p2 = 0,05 - 7 bar
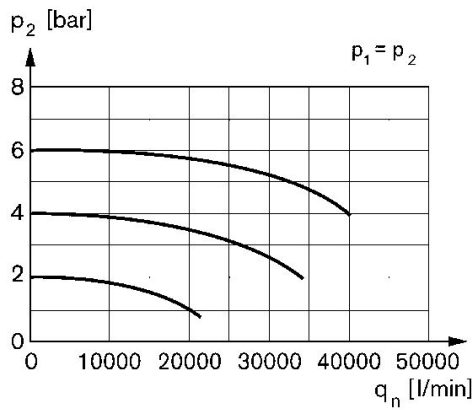
p2 = secondary pressure   qn = nominal flow

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