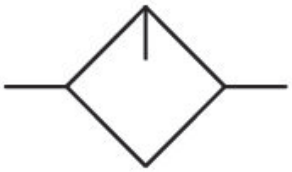
Standard oil-mist lubricator, Series MU1-LBS

R412006581

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	Lubricator
Reservoir	reservoir, polycarbonate, with metal protective guard
Compressed air connection	G 2
Nominal flow Qn	25000 l/min
Mounting orientation	vertical
Working pressure min.	0.5 bar
Working pressure max	16 bar
Min. ambient temperature	-10 °C
Max. ambient temperature	60 °C
Medium	Compressed air Neutral gases
Type of filling	Manual oil filling

Lubricator reservoir volume	1700 cm³
Oil dosing at 1000 l/min	1-2 drops
Function	Oil-mist lubricator
Weight	3.37 kg

Material

Housing material	Die-cast aluminum
Seal material	Acrylonitrile butadiene rubber
Material reservoir	Polycarbonate
Material protective guard	Steel, chrome-plated
Part No.	R412006581

Technical information

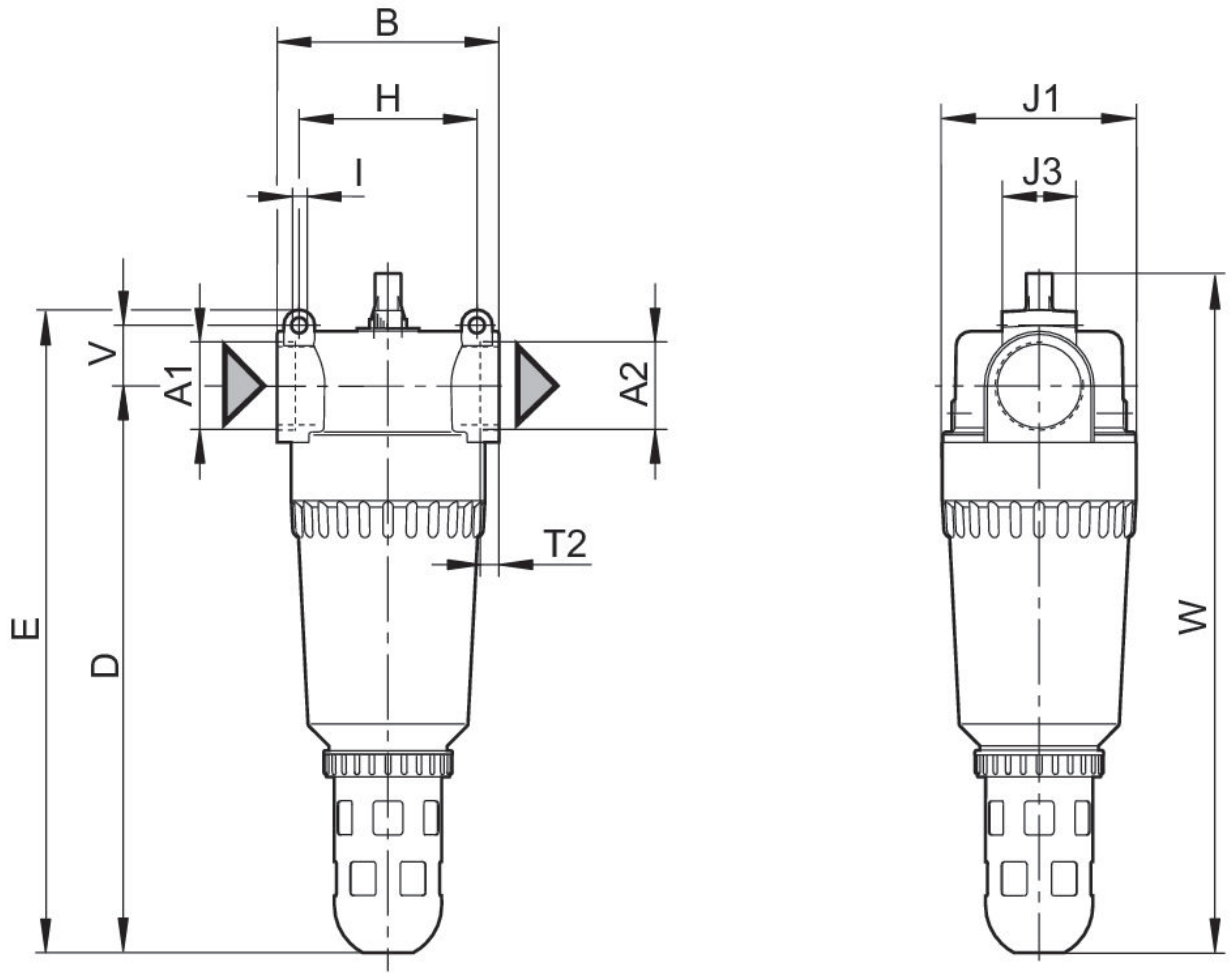
The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

Mounting via 2 through-holes in housing

Manual oil filling possible during operation.

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

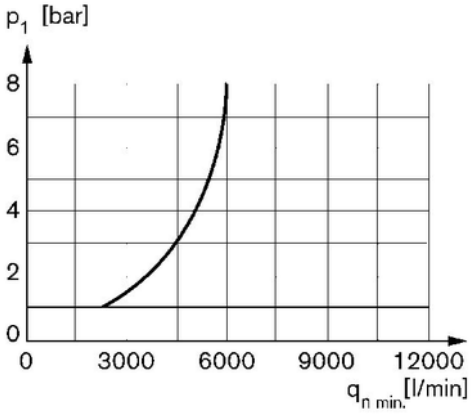
Dimensions



Part No.	A1	A2	B ±7	D ±7	E ±7	H	I	J1	J3
R412006581	G 2	G 2	150	383	436	120	10.5	130	50

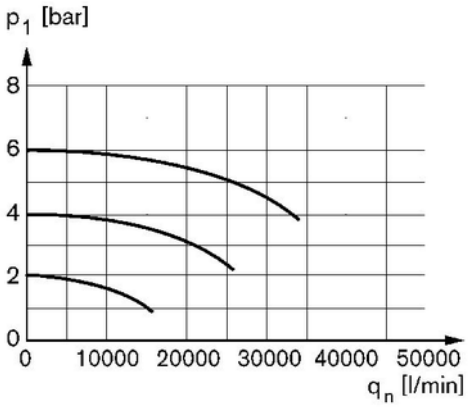
Part No.	T2	V ±5	W ±7
R412006581	24	41	459

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



p1 = Working pressure
qn = Nominal flow

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



p1 = Working pressure
qn = Nominal flow