

# Standard oil-mist lubricator, Series MU1-LBS

## R412006579

### 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	Metal reservoir without window
Compressed air connection	G 1 1/4
Nominal flow Qn	9000 l/min
Mounting orientation	vertical
Working pressure min.	0.5 bar
Working pressure max	25 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	550 cm <sup>3</sup>
Oil dosing at 1000 l/min	1-2 drops
Function	Oil-mist lubricator
Weight	1.5 kg

## Material

Housing material	Die cast zinc
Seal material	Acrylonitrile butadiene rubber
Material reservoir	Die-cast aluminum
Part No.	R412006579

## Technical information

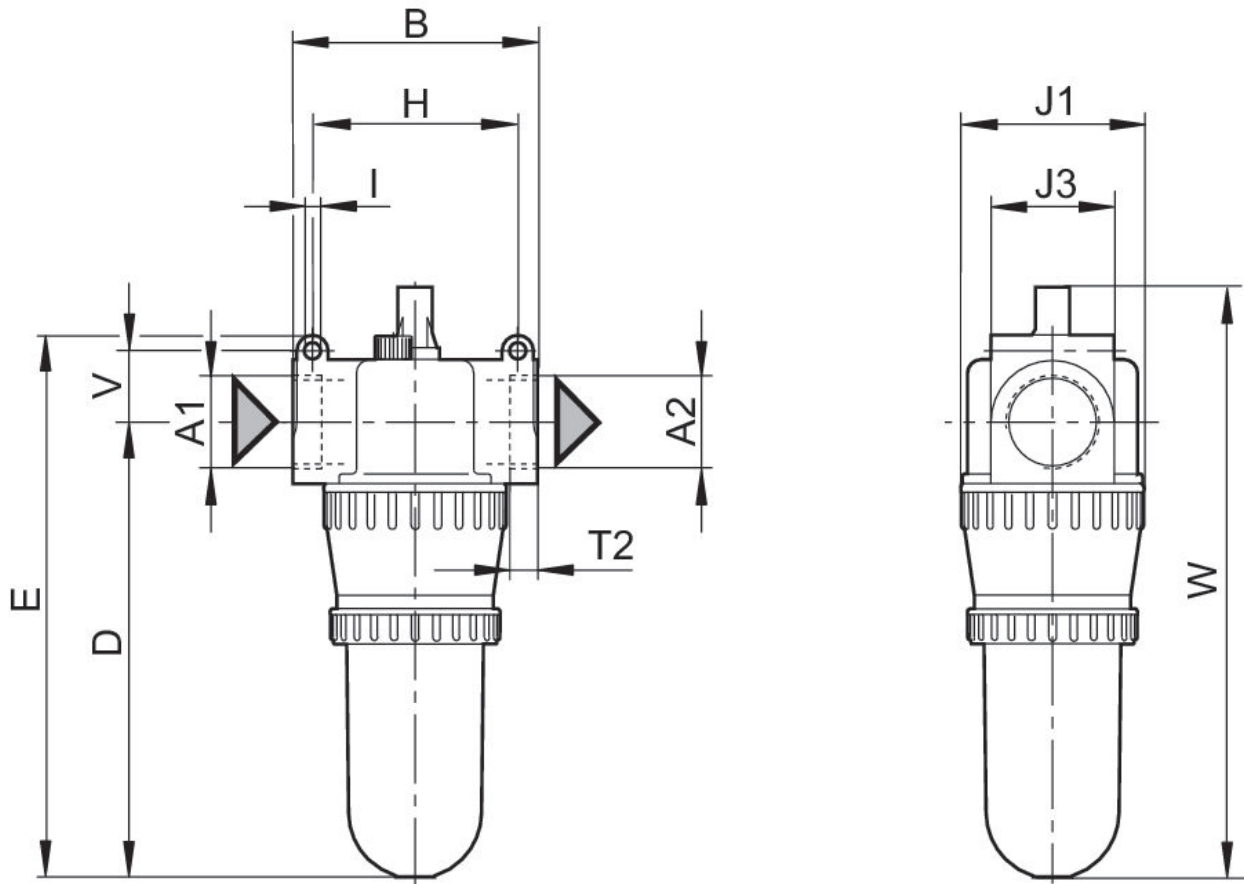
The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

Mounting via 2 through-holes in housing

Manual oil filling possible during operation.

Nominal flow  $Q_n$  with secondary pressure  $p_2 = 6$  bar at  $\Delta p = 1$  bar

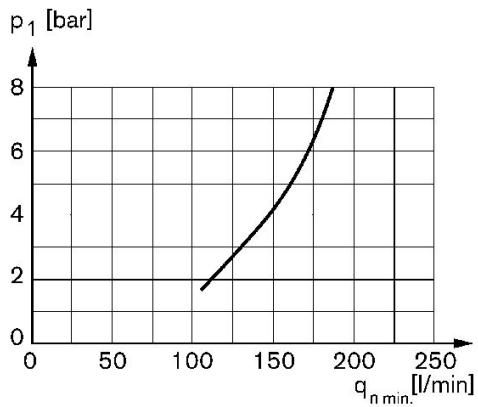
## Dimensions



Part No.	A1	A2	B ±7	D ±7	E ±7	H	I	J1	J3
R412006579	G1 1/4	G1 1/4	125	232.5	278	105	8.5	100	63
R412006580	G1 1/2	G1 1/2	125	232.5	278	105	8.5	100	63

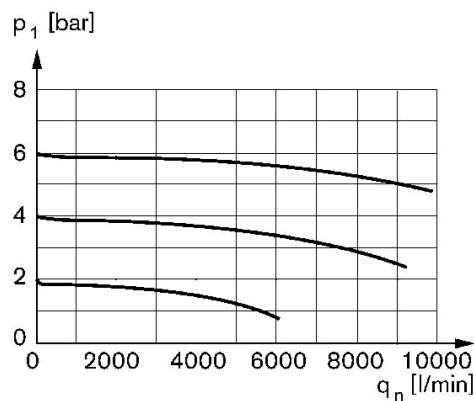
Part No.	T2	V ±5	W ±7
R412006579	25	36.5	301.5
R412006580	25	36.5	301.5

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



$p_1$  = Working pressure  
 $q_n$  = Nominal flow

Flow rate characteristic,  $p_2 = 0,05 - 7$  bar



$p_1$  = Working pressure  
 $q_n$  = Nominal flow