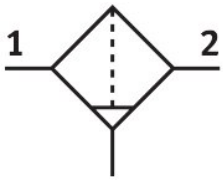
Micro filter
MS4N-LFM-1/4-ARM

Part number: 531812





Data sheet

Feature	Value
Series	MS
Size	4
Structural design	Fiber filter
Grade of filtration	0.01 µm
Condensate drain	Manual, rotating
Operating pressure	0 MPa...1.4 MPa 0 bar...14 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [6:4:4] Inert gases
Air quality class at the output	Compressed air according to ISO 8573-1:2010 [3:4:2]
Max. standard flow rate for air quality class	360 l/min
Min. standard flow rate for air quality class	54 l/min
Filter efficiency	99.9999 %
Max. condensate volume	19 ml
Bowl guard	Plastic bowl guard
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
For use in the food industry	See supplementary material information
Temperature of medium	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Storage temperature	-10 °C...60 °C
Filter efficiency, fine particles	99.995 %
MPPS	0.05 µm
MPPS filter efficiency	99.95 %
Residual oil content	0.01 mg/m³
Filter efficiency, oil aerosol	99 %
Type of mounting	Alternatively: In-line installation With accessories
Mounting position	Vertical ±5°
Pneumatic connection 1	1/4 NPT
Pneumatic connection 2	1/4 NPT

Feature	Value
Housing material	Die-cast aluminum
Compressed air filter material	Borosilicate glass fiber
Material of bowl	PC
Seals material	NBR
Note on materials	RoHS compliant
Product weight	190 g