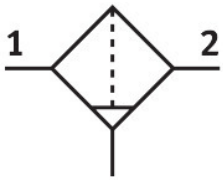
Micro filter
MS4-LFM-1/4-ARM

Part number: 529459





General operating condition

Data sheet

Feature	Value
Series	MS
Size	4
Structural design	Fiber filter
Grade of filtration	0.01 µm
Condensate drain	Manually rotating
Symbol	00991519
Operating pressure	0 MPa ... 1.4 MPa
Operating pressure	0 bar ... 14 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [6:-:4] Inert gas
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [3:-: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	With accessories
Mounting position	Vertical +/- 5°
Pneumatic connection 1	G1/4
Pneumatic connection 2	G¼
Housing material	Die-cast aluminum
Compressed air filter material	Borosilicate fiber
Material of bowl	PC

Feature	Value
Seals material	NBR
Note on materials	RoHS-compliant
Product weight	190 g