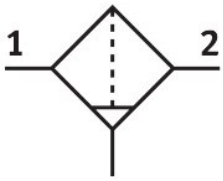
Micro filter
MS4-LFM-1/4-ARM

Part number: 529459





Data sheet

Feature	Value
Series	MS
Size	4
Design	Fibre 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 to ISO 8573-1:2010 [6:4:4] Inert gas
Air purity class at output	Compressed air to ISO 8573-1:2010 [3:4:2]
Max. standard flow rate for clean air class	360 l/min
Min. standard flow rate for clean air 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
Suitable for use with food	See supplementary material information
Media temperature	-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
Filter efficiency MPPS	99.95 %
Residual oil content	0.01 mg/m³
Filter efficiency, oil aerosol	99 %
Type of mounting	Either: Inline installation With accessories
Mounting position	Vertical +/-5°
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4

Feature	Value
Material housing	Die-cast aluminium
Material filter	Borosilicate fibre
Material bowl	Makrolon®
Material seals	NBR
Note on materials	RoHS compliant
Product weight	190 g