

Micro filter MS12-LFM-G-AUV

Part number: 537154

FESTO



 General operating condition

Data sheet

Feature	Value
Series	MS
Size	12
Design	Fibre filter
Grade of filtration	0.01 µm
Condensate drain	Manual, non-detenting
Symbol	00991519
Operating pressure	0.2 MPa ... 1.2 MPa
Operating pressure	2 bar ... 12 bar
Operating medium	Compressed air to ISO 8573-1:2010 [6:-:4] Inert gas
Note on operating and pilot medium	Ester oil < 0.1mg/m ³ , according to ISO 8573-1:2010 [-: -:2]
Air purity class at output	Compressed air to ISO 8573-1:2010 [3:-:2]
Filter efficiency	99.9999 %
Max. condensate volume	400 ml
Bowl guard	Integrated as metal bowl
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	5 °C ... 60 °C
Ambient temperature	5 °C ... 60 °C
Storage temperature	-10 °C ... 60 °C
Filter efficiency, fine particles	99.995 %
MPPS	0.08 µm
Filter efficiency MPPS	99.968 %
Residual oil content	0.01 mg/m ³
Filter efficiency, oil aerosol	99 %
Type of mounting	With mounting bracket
Mounting position	Vertical +/-5°
Material housing	Die-cast aluminium
Material covering	Process automation
Material filter	Borosilicate fibre
Material bowl	Wrought aluminium alloy
Material screen	Makrolon®
Material seals	NBR
Note on materials	RoHS compliant

Feature	Value
Product weight	7000 g