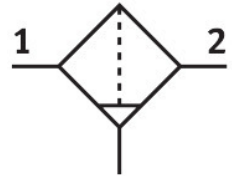


# Micro filter MS12-LFM-G-AUV

Part number: 537154

**FESTO**



## Data sheet

Feature	Value
Series	MS
Size	12
Structural design	Fiber filter
Grade of filtration	0.01 µm
Condensate drain	Fully automatic Manual, non-detenting
Operating pressure	0.2 MPa...1.2 MPa 2 bar...12 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [6::4] Inert gas
Information on operating and pilot media	Ester oil < 0.1mg/m³, according to ISO 8573-1:2010 [-::2]
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [3::2]
Filter efficiency	99.9999 %
Max. condensate volume	400 ml
Bowl guard	Integrated as metal bowl guard
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	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
MPPS filter efficiency	99.968 %
Residual oil content	0.01 mg/m³
Filter efficiency, oil aerosol	99 %
Type of mounting	Line installation With mounting bracket Optionally:
Mounting position	Vertical +/- 5°
Housing material	Die-cast aluminum
Covering material	PA
Compressed air filter material	Borosilicate fiber

Feature	Value
Material of bowl	Wrought aluminum alloy
Inspection window material	PC
Seals material	NBR
Note on materials	RoHS-compliant
Product weight	7000 g