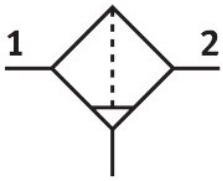
Fine filter
MS12-LFM-G-BUV

Part number: 537153





Data sheet

Feature	Value
Series	MS
Size	12
Structural design	Fiber filter
Grade of filtration	1 µm
Condensate drain	Fully automatic Manual, non-detenting
Operating pressure	0.2 MPa...1.2 MPa 2 bar...12 bar 29 psi...174 psi
Operating medium	Compressed air as per ISO 8573-1:2010 [6:-:4] Inert gases
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 [5:-:3]
Filter efficiency	99.99 %
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
Temperature of medium	5 °C...60 °C
Ambient temperature	5 °C...60 °C
Storage temperature	-10 °C...60 °C
Filter efficiency, fine particles	99 %
Residual oil content	0.5 mg/m³
Filter efficiency, oil aerosol	90 %
Vibration resistance	Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Type of mounting	Alternatively: In-line installation With retaining bracket
Mounting position	Vertical ±5°
Housing material	Die-cast aluminum
Covering material	PA

Feature	Value
Compressed air filter material	Borosilicate glass fiber
Material of bowl	Wrought aluminum alloy
Inspection window material	PC
Seals material	NBR
Note on materials	RoHS compliant
Product weight	7000 g