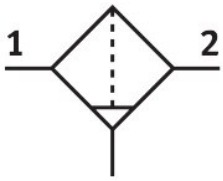
Fine filter
MS12-LFM-G-BUV

Part number: 537153





Data sheet

Feature	Value
Series	MS
Size	12
Design	Fibre 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 to ISO 8573-1:2010 [6:-:4] Inert gases
Note on operating and pilot medium	Ester oil < 0.1mg/m³, according to ISO 8573-1:2010 [-:-:2]
Air purity class at output	Compressed air to 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
Media temperature	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 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Type of mounting	Either: In-line installation Via mounting bracket
Mounting position	Vertical +/-5°
Material housing	Die-cast aluminium
Material covering	PA

Feature	Value
Material filter	Borosilicate fibre
Material bowl	Wrought aluminium alloy
Material screen	PC
Material seals	NBR
Note on materials	RoHS-compliant
Product weight	7000 g