

Fine filter MS12-LFM-G-BUV

Part number: 537153

FESTO



 General operating condition

Data sheet

Feature	Value
Series	MS
Size	12
Structural design	Fiber filter
Grade of filtration	1 µm
Condensate drain	Manual, non-detenting
Symbol	00991519
Operating pressure	0.2 MPa ... 1.2 MPa
Operating pressure	2 bar ... 12 bar
Operating pressure	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/m ³ , 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 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 %
Residual oil content	0.5 mg/m ³
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	With mounting bracket
Mounting position	Vertical +/- 5°
Housing material	Die-cast aluminum
Covering material	PA
Compressed air filter material	Borosilicate fiber
Material of bowl	Wrought aluminum alloy
Inspection window material	PC
Seals material	NBR

Feature	Value
Note on materials	RoHS-compliant
Product weight	7000 g