

Filter MS12-LF-G-EUV

Part number: 537151

FESTO



 General operating condition

Data sheet

Feature	Value
Size	12
Series	MS
Mounting position	Vertical $\pm 5^\circ$
Grade of filtration	40 μm
Condensate drain	Manual, non-detenting
Structural design	Sinter filter with centrifugal separator
Bowl guard	Integrated as metal bowl
Degree of condensate separation	$>75\%$
Symbol	00991519
Operating pressure	2 bar ... 12 bar
Normal nominal flow rate (normalized to DIN 1343)	12500 l/min ... 16000 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:9:-] Inert gases
Information on operating and pilot media	Ester oil $< 0.1\text{mg}/\text{m}^3$, according to ISO 8573-1:2010 [-: -:2]
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	5 $^\circ\text{C}$... 60 $^\circ\text{C}$
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [7:8:4]
Temperature of medium	5 $^\circ\text{C}$... 60 $^\circ\text{C}$
Ambient temperature	5 $^\circ\text{C}$... 60 $^\circ\text{C}$
Pore size	40 μm
Service life characteristic value	≥ 1000 hrs
Product weight	7000 g
Type of mounting	With retaining bracket
Pneumatic connection 1	Internal
Pneumatic connection 2	Internal
Covering material	PA
Seals material	NBR
Compressed air filter material	Sintered bronze
Housing material	Die-cast aluminum
Material of bowl	Wrought aluminum alloy
Inspection window material	PC