

Fine filter

MS9-LFM-1-BUV-HF-DA

Part number: 553052

FESTO

1 µm filter, metal bowl guard, high flow rate, with differential pressure indicator, fully automatic condensate drain, flow direction from left to right.



Data sheet

Feature	Value
Series	MS
Size	9
Design structure	Fiber filter
Grade of filtration	1 µm
Condensate drain	fully automatic manual momentary-contact
Working pressure	2 ... 12 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [6:8:4]
Air purity class at output	Compressed air to ISO 8573-1:2010 [5:7:3]
Max. standard flow rate for air quality class	10,000 l/min
Min. standard flow rate for air quality class	500 l/min
Filter efficiency	99.99 %
Max. condensate volume	225 ml
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-10 ... 60 °C
Ambient temperature	-10 ... 60 °C
Storage temperature	-10 ... 60 °C
Residual oil content	0.5 mg/m ³
Differential pressure display	Visual indicator
Explosion-proof ambient temperature	-10°C ≤ Ta ≤ +60°C
Mounting type	Line installation with accessories Optional
Assembly position	Vertical +/- 5°
Pneumatic connection, port 1	G1
Pneumatic connection, port 2	G1
Material housing	Aluminum die cast
Material of cover	PA
Material filter	Boron silicate fiber
Material bowl	Wrought Aluminum alloy
Material screen	PA
Material seals	NBR
Product weight	2,500 g