

# activated carbon filter MS9-LFX

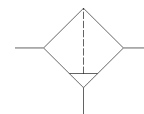
Part number: 552942

FESTO

For manifold assembly, with G thread.



Exemplary representation



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	9
Series	MS
Assembly position	Vertical +/- 5°
Design structure	Active carbon filter
Operating pressure	0 ... 20 bar
Max. standard flow rate for air quality class	6,500 l/min
Authorisation	c UL us - Recognized (OL)
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
UKCA marking (see declaration of conformity)	To UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
ATEX category Gas	II 2G
ATEX category Dust	II 2D
Explosion ignition protection type Gas	Ex h IIC T6 Gb X
Explosion ignition protection type Dust	Ex h IIIC T60°C Db X
Explosion-proof ambient temperature	-10°C ≤ Ta ≤ +60°C
Operating medium	Compressed air in accordance with ISO8573-1:2010 [1:4:2]
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-10 ... 60 °C
Air purity class at output	Compressed air to ISO 8573-1:2010 [1:4:1]
Medium temperature	5 ... 30 °C
Residual oil content	0.003 mg/m3
Ambient temperature	-10 ... 60 °C
Mounting type	Line installation with accessories Optional
Pneumatic connection, port 1	Manifold module G1/2 G3/4 G1 G1 1/4 G1 1/2 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT
Pneumatic connection, port 2	Manifold module G1/2 G3/4 G1

Feature	Value
	G1 1/4 G1 1/2 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT
Material of cover	PA
Material seals	NBR
Material filter	Active carbon
Material housing	Aluminium die cast
Material bowl	Wrought Aluminium alloy
Material screen	PA