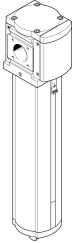


# Active carbon filter MS9-LFX

Part number: 552942

FESTO



## Data sheet

Feature	Value
Size	9
Series	MS
Mounting position	Vertical +/- 5°
Structural design	Active carbon filter
Operating pressure	0 bar...20 bar
Max. standard flow rate for air quality class	6500 l/min
Certification	c UL us - Recognized (OL)
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
UKCA marking (see declaration of conformity)	acc. to UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
Explosion prevention and protection	Zone 1 (ATEX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (UKEX) Zone 22 (ATEX)
ATEX category gas	II 2G
ATEX category for dust	II 2D
Type of ignition protection for gas	Ex h IIC T6 Gb X
Type of (ignition) protection for dust	Ex h IIIC T60°C Db X
Explosive ambient temperature	-10°C ≤ Ta ≤ +60°C
Operating medium	Compressed air as per ISO 8573-1:2010 [1:4:2]
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C...60 °C
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [1:4:1]
Temperature of medium	5 °C...30 °C
Residual oil content	0.003 mg/m <sup>3</sup>
Ambient temperature	-10 °C...60 °C
Type of mounting	Optionally: Line installation With accessories

Feature	Value
Pneumatic connection 1	Battery 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 2	Battery 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
Covering material	PA
Seals material	NBR
Compressed air filter material	Activated carbon
Housing material	Die-cast aluminum
Material of bowl	Wrought aluminum alloy
Inspection window material	PA