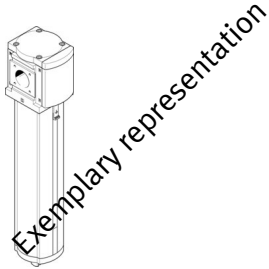


Activated carbon filter MS9-LFX

Part number: 552942

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	9
Series	MS
Mounting position	Vertical +/-5°
Design	Activated carbon filter
Symbol	00991519
Operating pressure	0 bar ... 20 bar
Max. standard flow rate for clean air class	6500 l/min
Approval	c UL us - Recognised (Oil)
CE mark (see declaration of conformity)	To EU Explosion Protection Directive (ATEX)
UKCA marking (see declaration of conformity)	To UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
Explosion 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 dust	II 2D
Explosion ignition protection type for gas	Ex h IIC T6 Gb X
Explosion ignition protection type for dust	Ex h IIIC T60°C Db X
Explosion ambient temperature	-10°C ≤ Ta ≤ +60°C
Operating medium	Compressed air according to ISO 8573-1:2010 [3:4:2]
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 7 according to ISO 14644-1
Storage temperature	-10 °C ... 60 °C
Air purity class at output	Compressed air according to ISO 8573-1:2010 [3:4:1]
Media temperature	5 °C ... 30 °C
Residual oil content	0.003 mg/m ³
Ambient temperature	-10 °C ... 60 °C
Type of mounting	With accessories

Feature	Value
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 G1 1/4 G1 1/2 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT
Material covering	Process automation
Material seals	NBR
Material filter	Activated carbon
Material housing	Die-cast aluminium
Material bowl	Wrought aluminium alloy
Material screen	Process automation