

Active carbon filter MS6-LFX

Part number: 527672

FESTO



General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	6
Series	MS
Mounting position	Vertical +/- 5°
Grade of filtration	0.01 µm ... 1 µm
Condensate drain	Fully automatic Manually rotating Semi-automatic
Structural design	Active carbon filter
Bowl guard	Plastic bowl guard Integrated as metal bowl guard
Operating pressure	0 bar ... 20 bar
Max. standard flow rate for air quality class	900 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 according to ISO 8573-1:2010 [3:4:2]
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C ... 60 °C
For use in the food industry	See supplementary material information
Air quality class at the output	Compressed air according to ISO 8573-1:2010 [3:4:1]
Temperature of medium	5 °C ... 30 °C
Residual oil content	0.003 mg/m³
Ambient temperature	-10 °C ... 60 °C

Feature	Value
Type of mounting	With accessories
Note on materials	RoHS-compliant
Compressed air filter material	Activated carbon
Housing material	Die-cast aluminum