

Fine filter MS6-LFM

Part number: 527670

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Series	MS
Size	6
Structural design	Fiber filter
Grade of filtration	0.01 µm ... 1 µm
Condensate drain	Fully automatic Fully automatic, electrically controlled Manual, non-detenting Manually rotating Semi-automatic
Operating pressure	0 MPa ... 2 MPa
Operating pressure	0 bar ... 20 bar
Operating pressure	0 psi ... 290 psi
Operating medium	Compressed air as per ISO 8573-1:2010 [6:::4] Inert gas
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [3:::2] Compressed air as per ISO 8573-1:2010 [5:::3]
Bowl guard	Plastic bowl guard Integrated as metal bowl guard
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
For use in the food industry	See supplementary material information
Temperature of medium	-10 °C ... 60 °C
Ambient temperature	-10 °C ... 60 °C
Differential pressure display	Visual display With pressure sensor
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

Feature	Value
Type of (ignition) protection for dust	Ex h IIIC T60°C Db X
Explosive ambient temperature	-10°C ≤ Ta ≤ +60°C
Type of mounting	With accessories
Mounting position	Vertical +/- 5°
Housing material	Die-cast aluminum
Compressed air filter material	Borosilicate fiber
Seals material	NBR
Note on materials	RoHS-compliant