

Filter MS6-LF

Part number: 527668

FESTO



Data sheet

Feature	Value
Size	6
Series	MS
Mounting position	Vertical $\pm 5^\circ$
Grade of filtration	5 μm ...40 μm
Condensate drain	Fully automatic Manual, non-detenting Manual, rotating Semiautomatic
Structural design	Sinter filter with centrifugal separator
Bowl guard	Plastic bowl guard Integrated as metal bowl
Degree of condensate separation	75 %
Operating pressure	0 bar...20 bar
Normal nominal flow rate (normalized to DIN 1343)	2000 l/min...4100 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 $\leq$ Ta $\leq$ +60°C
Operating medium	Compressed air as per ISO 8573-1:2010 [..9:-] Compressed air as per ISO 8573-1:2010 [7:9:-] Inert gases
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L

Feature	Value
Storage temperature	-10 °C...60 °C
For use in the food industry	See supplementary material information
Temperature of medium	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Type of mounting	Alternatively: In-line installation With accessories
Note on materials	RoHS compliant
Seals material	NBR
Compressed air filter material	Protective grounding
Housing material	Die-cast aluminum
Separating disc material	POM