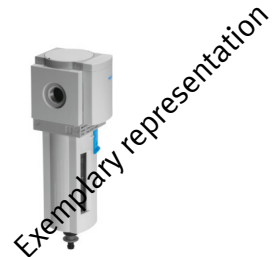


Filter MS6-LF

Part number: 527668

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	5 µm ... 40 µm
Condensate drain	Fully automatic Manual, non-detenting Manually rotating Semi-automatic
Design	Sintered filter with centrifugal separator
Bowl guard	Plastic bowl guard Integrated as metal bowl
Degree of condensate separation	>75 %
Operating pressure	0 bar ... 20 bar
Standard nominal flow rate (standardised to DIN 1343)	2000 l/min ... 4100 l/min
Approval	c UL us - Recognized (OL)
CE mark (see declaration of conformity)	To EU Explosion Protection Directive (ATEX)
CE 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 to ISO 8573-1:2010 [-:9:-] Compressed air to ISO 8573-1:2010 [7:9:-] Inert gases
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C ... 60 °C
Suitable for use with food	See supplementary material information
Media temperature	-10 °C ... 60 °C

Feature	Value
Ambient temperature	-10 °C ... 60 °C
Type of mounting	Either: In-line installation With accessories
Note on materials	RoHS-compliant
Material seals	NBR
Material filter	PE
Material housing	Die-cast aluminium
Material separating plate	POM