

Filter MS9-LF

Part number: 562532

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°
Grade of filtration	5 µm ... 40 µm
Condensate drain	Fully automatic, electrically actuated Manually rotating Semi-automatic
Design	Sintered filter with centrifugal separator
Degree of condensate separation	>75 %
Operating pressure	0 bar ... 20 bar
Standard nominal flow rate (standardised to DIN 1343)	6000 l/min ... 16000 l/min
Approval	c UL us - Recognized (OL)
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 to ISO 8573-1:2010 [7:9:-] Inert gases
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 to ISO 8573-1:2010 [6:8:4] Compressed air to ISO 8573-1:2010 [7:8:4]
Media temperature	-10 °C ... 60 °C
Ambient temperature	-10 °C ... 60 °C

Feature	Value
Pore size	5 µm ... 40 µm
Product weight	2000 g ... 2400 g
Type of mounting	With accessories
Material covering	PA-reinforced
Material spin disc	POM
Material filter carrier	POM
Note on materials	RoHS-compliant
Material sub-base	Die-cast aluminium
Material mounting bracket	Die-cast aluminium
Material filter	PE
Material housing	Die-cast aluminium
Material module connector	Die-cast aluminium
Material bowl	Wrought aluminium alloy
Material cup seal	NBR
Material screen	PA
Material separating plate	POM