

Filter MS9-LF

Part number: 562532

FESTO



Data sheet

Feature	Value
Size	9
Series	MS
Mounting position	Vertical ±5°
Grade of filtration	5 µm...40 µm
Condensate drain	Fully automatic Fully automatic, electrically controlled Manual, rotating Semiautomatic
Structural design	Sinter filter with centrifugal separator
Degree of condensate separation	75 %
Operating pressure	0 bar...20 bar
Normal nominal flow rate (normalized to DIN 1343)	6000 l/min...16000 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 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
Cleanroom suitability, measured according to ISO 14644-14	Class 7 according to ISO 14644-1

Feature	Value
Storage temperature	-10 °C...60 °C
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [6:8:4] Compressed air as per ISO 8573-1:2010 [7:8:4]
Temperature of medium	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Pore size	5 µm...40 µm
Product weight	2000 g...2400 g
Type of mounting	Alternatively: In-line installation With accessories
Covering material	PA-reinforced
Material of spin disc	POM
Material of filter support	POM
Note on materials	RoHS compliant
Material of sub-base	Die-cast aluminum
Material of mounting bracket	Die-cast aluminum
Compressed air filter material	Protective grounding
Housing material	Die-cast aluminum
Module connector material	Die-cast aluminum
Material of bowl	Wrought aluminum alloy
Shell sealing material	NBR
Inspection window material	PA
Separating disc material	POM