

Compressed air filter MS4-LF

Part number: 527695

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Size	4
For use in the food industry	See supplementary material information
Type code	MS4-LF
Series	MS
Mounting position	Vertical +/- 5°
Grade of filtration	5 µm ... 40 µm
Condensate drain	Fully automatic Manually rotating Semi-automatic
Design	Sinter filter with centrifugal separator
Bowl guard	Plastic bowl guard Integrated as metal bowl guard
Operating pressure	0 bar ... 14 bar
Standard nominal flow rate	1000 l/min ... 1700 l/min
ATEX category gas	II 2G
Type of ignition protection for gas	Ex h IIC T6 Gb X
ATEX category for dust	II 2D
Type of (ignition) protection for dust	Ex h IIIC T60°C Db X
Explosive ambient temperature	+5°C ≤ Ta ≤ +60°C
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [-:9:-] Compressed air as per ISO 8573-1:2010 [7:9:-] Inert gas
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Storage temperature	-10 °C ... 60 °C
Temperature of medium	-10 °C ... 60 °C
Ambient temperature	-10 °C ... 60 °C
Certification	c UL us - Recognized (OL)
Type of mounting	Line installation With accessories Optionally:
Note on materials	Free of copper and PTFE RoHS-compliant
Material of sub-base	Die-cast aluminum

Feature	Value
Seals material	NBR
Compressed air filter material	PE
Housing material	Die-cast aluminum
Separating disc material	POM