

# Compressed air filter MS4N-LF

Part number: 527696

**FESTO**



## Data sheet

Feature	Value
Size	4
Series	MS
Mounting position	Vertical +/- 5°
Grade of filtration	5 µm...40 µm
Condensate drain	Fully automatic Manual, non-detenting Manually rotating Semi-automatic
Structural design	Sinter filter with centrifugal separator
Bowl guard	Plastic bowl guard Integrated as metal bowl guard
Degree of condensate separation	75 %
Operating pressure	0 bar...14 bar
Standard nominal flow rate	1000 l/min...1700 l/min
Certification	c UL us - Recognized (OL)
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) 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 gas
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
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

Feature	Value
Type of mounting	Line installation With accessories Optionally:
Note on materials	RoHS-compliant
Material of sub-base	Die-cast aluminum
Seals material	NBR
Compressed air filter material	PE
Housing material	Die-cast aluminum
Separating disc material	POM