Fine filter
MS4-LFM
Part number: 527697



Data sheet

Feature	Value
Series	MS
Size	4
Design	Fibre filter
Grade of filtration	0.01 µm...1 µm
Condensate drain	Fully automatic Manual, non-detenting Manual, rotating Semi-automatic
Operating pressure	0 MPa...1.4 MPa 0 bar...14 bar 0 psi...203 psi
Operating medium	Compressed air to ISO 8573-1:2010 [6:4:4] Inert gas
Air purity class at output	Compressed air to ISO 8573-1:2010 [3:4:2] Compressed air to ISO 8573-1:2010 [5:4:3]
Max. standard flow rate for clean air class	360 l/min
Min. standard flow rate for clean air class	54 l/min
Bowl guard	Plastic bowl guard Integrated as metal bowl
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Suitable for use with food	See supplementary material information
Media temperature	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Differential pressure display	Visual indicator With pressure sensor
Approval	c UL us - Recognised (Oil)
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)

Feature	Value
	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
Type of mounting	Either: Inline installation With accessories
Mounting position	Vertical +/-5°
Material housing	Die-cast aluminium
Material filter	Borosilicate fibre
Material seals	NBR
Note on materials	RoHS compliant