Activated carbon filter
MS6-LFX

Part number: 527672



Data sheet

Feature	Value
Size	6
Series	MS
Mounting position	Vertical +/-5°
Grade of filtration	0.01 µm...1 µm
Condensate drain	Fully automatic Manual, rotating Semi-automatic
Design	Activated carbon filter
Bowl guard	Plastic bowl guard Integrated as metal bowl
Operating pressure	0 bar...20 bar
Max. standard flow rate for clean air class	900 l/min
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) 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 according to ISO 8573-1:2010 [3:4:2]
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C...60 °C
Suitable for use with food	See supplementary material information
Air purity class at output	Compressed air according to ISO 8573-1:2010 [3:4:1]

Feature	Value
Media temperature	5 °C...30 °C
Residual oil content	0.003 mg/m³
Ambient temperature	-10 °C...60 °C
Type of mounting	Either: Inline installation With accessories
Note on materials	RoHS compliant
Material filter	Activated carbon
Material housing	Die-cast aluminium