

Fine filter MS9-LFM

Part number: 552940

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Series	MS
Size	9
Design	Fibre filter
Grade of filtration	0.01 µm ... 1 µm
Condensate drain	Fully automatic, electrically actuated Manual, non-detenting Manual, rotating Semi-automatic
Operating pressure	0 MPa ... 2 MPa
Operating pressure	0 bar ... 20 bar
Operating pressure	0 psi ... 290 psi
Operating medium	Compressed air to ISO 8573-1:2010 [6:-:4]
Max. condensate volume	225 ml
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
Media temperature	-10 °C ... 60 °C
Ambient temperature	-10 °C ... 60 °C
Differential pressure display	Visual indicator
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	+5°C ≤ Ta ≤ +60°C
Type of mounting	With accessories
Mounting position	Vertical +/-5°

Feature	Value
Pneumatic connection, port 1	Manifold module G1/2 G3/4 G1 G1 1/4 G1 1/2 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT
Pneumatic connection, port 2	Manifold module G1/2 G3/4 G1 G1 1/4 G1 1/2 1/2 NPT 3/4 NPT 1 NPT 1 1/4 NPT 1 1/2 NPT