

Fine filter MS9-LFM

Part number: 552940

FESTO



Data sheet

Feature	Value
Series	MS
Size	9
Structural design	Fiber filter
Grade of filtration	0.01 µm...1 µm
Condensate drain	Fully automatic Fully automatic, electrically controlled Manual, non-detenting Manual, rotating Semiautomatic
Operating pressure	0 MPa...2 MPa 0 bar...20 bar 0 psi...290 psi
Operating medium	Compressed air as per 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
Temperature of medium	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Differential pressure display	Visual display
Certification	c UL us - recognized (OL)
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
UKCA marking (see declaration of conformity)	acc. to UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
Explosion prevention and 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 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

Feature	Value
Explosive ambient temperature	+5°C ≤ Ta ≤ +60°C
Type of mounting	Alternatively: In-line installation With accessories
Mounting position	Vertical ±5°
Pneumatic connection 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 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