

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
Structural design	Fiber filter
Grade of filtration	0.01 µm ... 1 µm
Condensate drain	Fully automatic Fully automatic, electrically controlled Manual, non-detenting Manually 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 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
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
Explosive ambient temperature	+5°C ≤ Ta ≤ +60°C
Type of mounting	With accessories
Mounting position	Vertical +/- 5°

Feature	Value
Pneumatic connection 1	Battery 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	Battery 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