

on-off valve MS9-EE

Part number: 562177

FESTO

For manifold assembly, with G thread.



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Series	MS
Size	9
Grid dimension	90 mm
Design structure	Piston slide
Type of actuation	electrical
Sealing principle	soft
Exhaust-air function	not throttleable
Manual override	detenting Pushing
Type of reset	mechanical spring
Type of piloting	Piloted
Valve function	2/2 closed, monostable 3/2 closed, monostable
Pressure gauge	Prepared for G1/4 Prepared for G1/8 Red/green scale with pressure sensor with pressure gauge With operational status indicator
Operating pressure	3.5 ... 16 bar
Standard nominal flow rate	8,000 ... 18,000 l/min
Standard nominal flow rate 2-3	13,200 ... 14,900 l/min
Duty cycle	100 %
Characteristic coil data	110 V AC: 50 Hz, pick-up power 11.5 VA, holding power 8.9 VA 110 V AC: 60 Hz, pick-up power 9.5 VA, holding power 6.2 VA 230 V AC: 50 Hz, pick-up power 11.5 VA, holding power 9.1 VA 230 V AC: 60 Hz, pick-up power 9.5 VA, holding power 6.4 VA
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Materials note	Conforms to RoHS
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-10 ... 60 °C
Protection class	IP65
Ambient temperature	-10 ... 60 °C
Authorisation	c UL us - Recognized (OL)
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment To UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)

Feature	Value
ATEX category Gas	II 3G
ATEX category Dust	II 3D
Explosion ignition protection type Gas	Ex nA IIC T5 X Gc
Explosion ignition protection type Dust	Ex tc IIIC T85°C X Dc IP65
Explosion-proof ambient temperature	-10°C ≤ Ta ≤ +50°C
Mounting type	Line installation with accessories Optional
Assembly position	Any
Electrical connection	Plug pattern type A to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design
Material Piston slide	POM
Material seals	NBR
Material housing	Aluminium die cast