

On/off valve MS9-EE

Part number: 562177

FESTO



General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Series	MS
Size	9
Width dimension	90 mm
Structural design	Piston gate valve
Actuation type	Electrical
Sealing principle	Soft
Exhaust air function	Without flow control option
Manual override	Detenting Non-detenting
Reset method	Mechanical spring
Type of control	Pilot-controlled
Valve function	2/2, closed, monostable 3/2, closed, monostable
Pressure gauge	G1/4 prepared G1/8 prepared Red-green scale with pressure sensor with pressure gauge with switch indicator
Operating pressure	3.5 bar ... 16 bar
Lap	Overlap
Standard nominal flow rate	8000 l/min ... 18000 l/min
Standard nominal flow rate 2-3	13200 l/min ... 14900 l/min
Duty cycle	100%
Coil characteristics	110 V AC: 50 Hz, initial power 11.5 VA, holding power 8.9 VA 110 V AC: 60 Hz, initial power 9.5 VA, holding power 6.2 VA 230 V AC: 50 Hz, initial power 11.5 VA, holding power 9.1 VA 230 V AC: 60 Hz, initial power 9.5 VA, holding power 6.4 VA
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	-10 °C ... 60 °C
Degree of protection	IP65
Ambient temperature	-10 °C ... 60 °C
Certification	c UL us - Recognized (OL)

Feature	Value
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX) As per EU low voltage directive
UKCA marking (see declaration of conformity)	acc. to UK EX instructions To UK instructions for electrical equipment
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
Explosion prevention and protection	Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (UKEX) Zone 22 (ATEX)
ATEX category gas	II 3G
ATEX category for dust	II 3D
Type of ignition protection for gas	Ex nA IIC T5 X Gc
Type of (ignition) protection for dust	Ex tc IIIC T85°C X Dc IP65
Explosive ambient temperature	-10°C ≤ Ta ≤ +50°C
Type of mounting	With accessories
Mounting position	Any
Electrical connection	Form A Plug as per DIN EN 175301-803 Rectangular design
Piston slide material	POM
Seals material	NBR
Housing material	Die-cast aluminum