

On/off valve MS9-EE

Part number: 562177

FESTO



Data sheet

Feature	Value
Series	MS
Size	9
Width dimension	90 mm
Structural design	Piston gate valve
Actuation type	Electrical
Sealing principle	Soft
Exhaust air function	Cannot be throttled
Manual override	Detenting Non-detenting
Reset method	Mechanical spring
Type of control	Piloted
Valve function	2/2-way, closed, monostable 3/2-way, closed, monostable
Pressure gauge	Set up for G1/4 Set up for G1/8 Red/green scale With pressure sensor with pressure gauge With switching indicator
Operating pressure	3.5 bar...16 bar
Lap	Positive overlap
Normal nominal flow rate (normalized to DIN 1343)	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
Cleanroom suitability, measured according to ISO 14644-14	Class 7 according to ISO 14644-1

Feature	Value
Temperature of medium	-10 °C...60 °C
Degree of protection	IP65
Ambient temperature	-10 °C...60 °C
Certification	c UL us - recognized (OL)
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX) As per EU RoHS directive
UKCA marking (see declaration of conformity)	acc. to UK EX instructions To UK RoHS instructions
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 ec IIC T5 Gc X
Type of (ignition) protection for dust	Ex tc IIIC T95°C Dc X
Explosive ambient temperature	-10°C ≤ Ta ≤ +50°C
Type of mounting	Alternatively: In-line installation With accessories
Mounting position	Any
Electrical connection	Type A Plug As per DIN EN 175301-803 Rectangular design
Piston slide material	POM
Seals material	NBR
Housing material	Die-cast aluminum