

On/off valve MS4-EE

Part number: 527709

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Structural design	Piston gate valve
Actuation type	Electrical
Exhaust air function	Without flow control option
Manual override	Detenting None Non-detenting
Reset method	Mechanical spring
Type of control	Pilot-controlled
Valve function	3/2, closed, monostable
Pressure gauge	G1/4 prepared G1/8 prepared with pressure sensor with pressure gauge
Operating pressure	4 bar ... 14 bar
Lap	Overlap
Standard nominal flow rate	1000 l/min ... 2000 l/min
Duty cycle	100%
Coil characteristics	110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA 230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA 24 V DC: 1.8 W
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas
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)
KC characters	KC EMC
CE marking (see declaration of conformity)	As per EU EMC directive as per EU explosion protection directive (ATEX) As per EU low voltage directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC acc. to UK EX instructions To UK RoHS instructions To UK instructions for electrical equipment

Feature	Value
Explosion protection certification outside the EU	EPL Dc (GB) EPL Gc (GB)
Explosion prevention and protection	Zone 2 (ATEX) Zone 2 (UKEX) Zone 22 (ATEX) Zone 22 (UKEX)
ATEX category gas	II 3G
ATEX category for dust	II 3D
Type of ignition protection for gas	Ex nA IIC T4 X Gc
Type of (ignition) protection for dust	Ex tc IIIC T105°C IP65 Dc X
Explosive ambient temperature	-10°C ≤ Ta ≤ +60°C
For use in the food industry	See supplementary material information
Type of mounting	With accessories
Mounting position	Any
Flow direction	Non-reversible
Product weight	273 g
Pneumatic connection 3	G1/4
Pilot air supply port	Internal
Seals material	NBR
Housing material	Die-cast aluminum