

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
Design	Piston gate valve
Type of actuation	Electric
Exhaust-air function	Without flow control option
Manual override	Detenting None Non-detenting
Type of reset	Mechanical spring
Type of piloting	Pilot actuated
Valve function	3/2-way, closed, monostable
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Prepared for G1/4 Prepared for G1/8 Via pressure sensor With pressure gauge
Operating pressure	4 bar ... 14 bar
lap	Overlap
Standard nominal flow rate (standardised to DIN 1343)	1000 l/min ... 2000 l/min
Duty cycle	100%
Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 3.0 VA, holding power 2.4 VA 230 V AC: 50/60 Hz, pick-up power 3.0 VA, holding power 2.4 VA 24 V DC: 1.8 W
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-10 °C ... 60 °C
Degree of protection	IP65
Ambient temperature	-10 °C ... 60 °C
Approval	c UL us - Recognized (OL)
KC mark	KC-EMV
CE mark (see declaration of conformity)	To EU EMC Directive To EU Explosion Protection Directive (ATEX) To EU Low Voltage Directive In accordance with EU RoHS Directive

Feature	Value
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK EX instructions To UK RoHS instructions To UK regulations for electrical equipment
Explosion protection certification outside the EU	EPL Dc (GB) EPL Gc (GB)
Explosion protection	Zone 2 (ATEX) Zone 2 (UKEX) Zone 22 (ATEX) Zone 22 (UKEX)
ATEX category gas	II 3G
ATEX category dust	II 3D
Explosion ignition protection type for gas	Ex nA IIC T4 X Gc
Explosion ignition protection type for dust	Ex tc IIIC T105°C IP65 Dc X
Explosion ambient temperature	-10 °C ≤ Ta ≤ +60 °C
Suitable for use with food	See supplementary material information
Type of mounting	Either: In-line installation With accessories
Mounting position	optional
Flow direction	Non-reversible
Product weight	273 g
Pneumatic connection, port 3	G1/4
Pilot air supply	Internal
Material seals	NBR
Material housing	Die-cast aluminium