

On/off valve MS4-EM1

Part number: 541266

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Structural design	Rotary gate valve
Actuation type	Manual
Exhaust air function	Without flow control option
Type of control	Direct
Valve function	3/2, bistable
Pressure gauge	G1/4 prepared G1/8 prepared with pressure sensor with pressure gauge
Operating pressure	0 bar ... 14 bar
Standard nominal flow rate	1200 l/min ... 2200 l/min
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
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)
UKCA marking (see declaration of conformity)	acc. to UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
Explosion prevention and protection	Zone 1 (ATEX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (UKEX) Zone 22 (ATEX)
ATEX category gas	II 2G
ATEX category for dust	II 2D
Type of ignition protection for gas	Ex h IIC T6 Gb X
Type of (ignition) protection for dust	Ex h IIIC T60°C Db X
Explosive ambient temperature	-10°C ≤ Ta ≤ +60°C
For use in the food industry	See supplementary material information
Type of mounting	With accessories

Feature	Value
Mounting position	Any
Flow direction	Non-reversible
Pneumatic connection 3	G1/4
Seals material	TPE-U(PU)
Housing material	Die-cast aluminum