

On/off valve MS6-EM1

Part number: 541279

FESTO



Data sheet

Feature	Value
Structural design	Rotary vane
Actuation type	Manual
Exhaust air function	Cannot be throttled
Type of control	directly
Valve function	3/2-way, bistable
Operating pressure	0 bar...18 bar
Normal nominal flow rate (normalized to DIN 1343)	3000 l/min...8700 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gases
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	Alternatively: In-line installation

Feature	Value
	With accessories
Mounting position	Any
Flow direction	Non-reversible
Pneumatic connection 3	G1/2
Seals material	TPE-U(PU)
Housing material	Die-cast aluminum