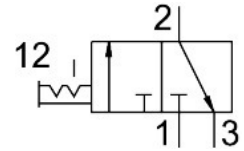


On/off valve MS6-EM1-1/2-F1A

Part number: 8183562

FESTO



 General operating condition

Data sheet

Feature	Value
Design	Rotary gate valve
Type of actuation	Manual
Exhaust-air function	Without flow control option
Type of piloting	Direct
Instructions on use	Foreign particles can adhere to the product or form during installation. Depending on the application, it may be necessary to purge the product with clean compressed air, to clean it after installation and operate it with ducted exhaust air.
Symbol	00991670
Valve function	3/2 bistable
Operating pressure	0 bar ... 18 bar
C value	30.8 l/sbar
b value	0.57
Standard nominal flow rate (standardised to DIN 1343)	8700 l/min
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
Suitability for the production of Li-ion batteries	Suitable for battery production according to the Festo internal definition of the degree of severity F1A with restrictions regarding the use of Cu/Zn/Ni
Media temperature	-10 °C ... 60 °C
Ambient temperature	-10 °C ... 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	580 g
Pneumatic connection, port 1	G1/2
Pneumatic connection, port 2	G1/2
Pneumatic connection, port 3	G1/2
Material seals	TPE-U(PU)
Material housing	Die-cast aluminium