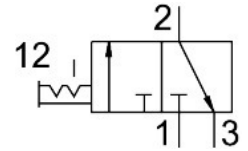


On/off valve MS4-EM1-1/4-F1A

Part number: 8183561

FESTO



Data sheet

Feature	Value
Structural design	Rotary gate valve
Actuation type	Manual
Exhaust air function	Without flow control option
Type of control	Direct
Application note	Foreign particles can remain stuck to the product or form during installation. Depending on the application, it may be necessary to purge the product with clean compressed air, clean it after installation and operate it with ducted exhaust air.
Valve function	3/2, bistable
Operating pressure	0 MPa...1.4 MPa 0 bar...14 bar
C value	9 l/sbar
b-value	0.39
Standard nominal flow rate	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
Suitability for the production of Li-ion batteries	Product corresponds to Festo's internal product definition for use in battery production: Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel in steel, chemically nickel-plated surfaces, circuit boards, cables, electrical plug connectors and coils
Temperature of medium	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
For use in the food industry	See supplementary material information
Type of mounting	Line installation With accessories Optionally:
Mounting position	Any
Flow direction	Non-reversible
Product weight	190 g

Feature	Value
Pneumatic connection 1	G1/4
Pneumatic connection 2	G1/4
Pneumatic connection 3	G1/4
Seals material	TPE-U(PU)
Housing material	Die-cast aluminum