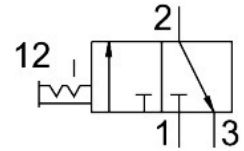


On/off valve MS4-EM1-1/4-F1A

Part number: 8183561

FESTO



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.
Valve function	3/2 double solenoid
Operating pressure	0 MPa...1.4 MPa 0 bar...14 bar
C value	9 l/sbar
b value	0.39
Standard nominal flow rate (standardised to DIN 1343)	2200 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	Product corresponds to the internal product definition from Festo 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, printed circuit boards, cables, electrical plug connectors and coils
Media temperature	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Suitable for use with food	See supplementary material information
Type of mounting	In-line installation With accessories Either:
Mounting position	optional
Flow direction	Non-reversible
Product weight	190 g

Feature	Value
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Material seals	TPE-U(PU)
Material housing	Die-cast aluminium