

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

Part number: 8183561

FESTO



General operating condition

## 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.
Symbol	00991670
Valve function	3/2, bistable
Operating pressure	0 MPa ... 1.4 MPa
Operating pressure	0 bar ... 14 bar
C value	9 l/sbar
b-value	0.39
Normal nominal flow rate (normalized to DIN 1343)	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	Suitable for battery production with reduced Cu/Zn/Ni values (F1a)
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	Optionally: Line installation With accessories
Mounting position	Any
Flow direction	Non-reversible
Product weight	190 g
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