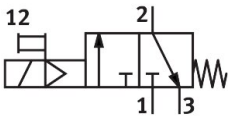
On/off valve
MS6-EE-1/4-10V24

Part number: 542584



General operating condition

Data sheet

Feature	Value
Structural design	Piston gate valve
Actuation type	Electrical
Exhaust air function	Cannot be throttled
Manual override	Non-detenting
Reset method	Mechanical spring
Type of control	Piloted
Symbol	00991008
Valve function	3/2-way, closed, monostable
Operating pressure	4 bar ... 10 bar
C value	11 l/sbar
b-value	0.5
Normal nominal flow rate (normalized to DIN 1343)	2600 l/min
Duty cycle	100%
Coil characteristics	24 V DC: 2.5 W
Permissible voltage fluctuations	+/- 10%
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
Degree of protection	IP65
Ambient temperature	-10 °C ... 50 °C
For use in the food industry	See supplementary material information
Type of mounting	Alternatively: In-line installation With accessories
Mounting position	Any
Flow direction	Non-reversible
Product weight	740 g
Pneumatic connection 1	G1/4
Pneumatic connection 2	G1/4
Pneumatic connection 3	G1/2
Pilot air supply port	Internal

Feature	Value
Electrical connection	Type C Plug As per DIN EN 175301-803 Rectangular design
Seals material	NBR
Housing material	Die-cast aluminum