

On/off valve MS12N-EE

Part number: 535037

FESTO



Data sheet

Feature	Value
Design	Piston gate valve
Type of actuation	Electric
Exhaust-air function	Without flow control option
Manual override	Detenting Non-detenting
Type of reset	Mechanical spring
Type of piloting	Pilot actuated
Valve function	3/2-way, closed, monostable
Operating pressure	3 bar...16 bar
lap	Overlap
Standard nominal flow rate (standardised to DIN 1343)	25000 l/min...32000 l/min
Duty cycle	100%
Characteristic coil data	110 V AC: 50 Hz, pick-up power 11.5 VA, holding power 8.9 VA 110 V AC: 60 Hz, pick-up power 9.5 VA, holding power 6.2 VA 230 V AC: 50 Hz, pick-up power 11.5 VA, holding power 9.1 VA 230 V AC: 60 Hz, pick-up power 9.5 VA, holding power 6.4 VA 24 V DC: 4.5 W
Permissible voltage fluctuations	+/- 10 %
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
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-10 °C...50 °C
Degree of protection	IP65
Ambient temperature	-10 °C...50 °C
CE mark (see declaration of conformity)	To EU Low Voltage Directive
UKCA marking (see declaration of conformity)	To UK regulations for electrical equipment
Type of mounting	In-line installation With accessories Either:
Mounting position	optional
Flow direction	Non-reversible

Feature	Value
Product weight	3800 g
Pneumatic connection, port 3	G1
Pilot air supply	Internal
Material seals	NBR
Material housing	Die-cast aluminium