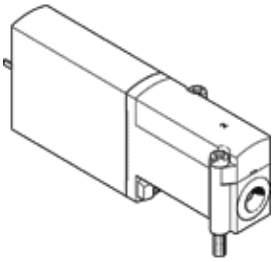
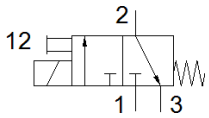
solenoid valve
MHA4-M1H-3/2G-4

Part number: 525174

FESTO





Data sheet

Feature	Value
Valve function	3/2 closed, monostable
Type of actuation	electrical
Width	18 mm
Standard nominal flow rate	400 l/min
Operating pressure	-0.9 ... 8 bar
Design structure	Pressure-relieved poppet valve
Type of reset	mechanical spring
Protection class	IP65
Authorisation	c UL us - Recognized (OL)
Nominal size	4 mm
Grid dimension	24 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	Pushing
Type of piloting	direct
Flow direction	reversible with restrictions
Overlap	Underlap
Operating pressure, reversible	-0.9 ... 1 bar
Maximum switching frequency	120 Hz
Switching time off	5 ms
Switching time on	10.5 ms
Duty cycle	100 %
Characteristic coil data	24 V DC: 5.6 W
Permissible voltage fluctuation	+/- 10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Vibration resistance	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Medium temperature	-5 ... 40 °C
Ambient temperature	-5 ... 40 °C
Product weight	270 g
Electrical connection	Plug 2-pin
Mounting type	On PR manifold
Pneumatic connection, port 1	Sub-base
Pneumatic connection, port 2	Sub-base
Pneumatic connection, port 3	Sub-base
Materials note	Free of copper and PTFE Conforms to RoHS
Material seals	HNBR NBR
Material housing	Zinc die-casting coated
Material screws	Steel Galvanised