

Solenoid Valve MHA1-M1H-2/2G-0,9-PI - Festo 197044

Item no. FES-197044

Manufacturer Festo

EAN 4052568081706

Festo valve for fast, reliable control of compressed-air direction and flow.

TECHNICAL DATA

Betriebsdruck max [bar]	2.000000
HS-Code	84812090
Schutzart	IP40
Weight	0.021 kg
Werkstoff	Polyamid (PA)



STANDARDS & COMPLIANCE

ISO 8573-1:2010 EN 60068-2-6 EN 60068-2-27

DESCRIPTION

Festo valve for fast, reliable control of compressed-air direction and flow. The key technical data of this genuine Festo article are listed below.

Valve function	2/2 closed monostable
Actuation type	Electrical
Build.width [mm]	10
Normal nominal flow [l/min]	14
Operating pressure [bar]	-0.9 to 2
Construction set up	Poppet valve with reset spring
Reset mode	Mechanical spring
Protection category	IP40
Permission	c UL us - Recognized (OL)
Certified awarding point	UL MH19482
Nominal width [mm]	0,90

Pitch dimension [mm]	10
Exhaust function	Cannot be throttled
Sealing principle	Soft
installation position	arbitrary
Hand assist actuation	tentative
Control type	Direct
Flow direction	Not reversible
Valve space - labelling	Sign
Überdeckung	negative Überdeckung
Information about force dynamic sampling	Switching frequency at least 1x per week
Max. switching frequency [Hz]	20
Shifting time off [ms]	5
Shifting time on [ms]	4
Power-on time	100 %
Electrical power consumption [W]	1,0
Coil characteristic value	24 V DC: 1 W
Permitted voltage oscillations	± 10 %
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)
Oscillation strength	Transport use test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with degree of severity 2 to FN 942017-5 and EN 60068-2-27
Corrosion resistant class KBK	2 - moderate corrosion stress
Bearing temperature [°C]	-20 to 60
Medium temperature [°C]	-5 to 40
ambient temperature [°C]	-5 to 40
Product weight [g]	10,0
Electrical connection	Plug
Fastening type	on connection plate With throughway bores
Pneumatic connection 1	Connection plate
Pneumatic connection 2	Connection plate
Material information	Copper and PTFE-free RoHs compliant
Seals material	FKM HNBR NBR
Housing material	PA reinforced PPS reinforced
Max. positive test impulse at 0 signal [µs]	500

Max. negative test impulse for 1 signal [μ s]	400
Vacuum capable	yes