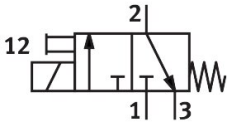
Air solenoid valve
MHA1-M1R-3/2G-0,6-P3

Part number: 8025223





Data sheet

Feature	Value
Valve function	3/2-way, closed, monostable
Actuation type	Electrical
Width	10 mm
Normal nominal flow rate (normalized to DIN 1343)	10 l/min
Pneumatic working port	Sub-base
Operating voltage	24V DC
Operating pressure	0.15 MPa...0.8 MPa 1.5 bar...8 bar 21.75 psi...116 psi
Structural design	Poppet valve with spring return
Reset method	Mechanical spring
Degree of protection	IP40 IP65
Certification	c UL us - recognized (OL)
Certificate issuing authority	UL MH19482
Nominal width	0.65 mm
Width dimension	10 mm
Exhaust air function	Adjustable
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting Non-detenting
Type of control	directly
Flow direction	Non-reversible
Lap	Negative overlap
Note on forced dynamization	Switching frequency at least once a week
Max. switching frequency	10 Hz
Switching time off	5 ms
On switching time	5 ms
Duty cycle	100%
Electrical power consumption	1 W
Max. positive test pulse with 0 signal	500 µs

Feature	Value
Max. negative test pulse on 1 signal	400 µs
Coil characteristics	24 V DC: 1.0 W 24 V DC: low-current phase 0.3 W, high-current phase 1.0 W
Permissible voltage fluctuations	+/- 10%
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Restricted ambient and media temperature	-5 - 40 °C Without holding current reduction
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Storage temperature	-20 °C...60 °C
Temperature of medium	-5 °C...50 °C
Ambient temperature	-5 °C...50 °C
Product weight	10 g
Electrical connection	Via electrical sub-base
Type of mounting	On sub-base With through-hole
Pneumatic connection 1	Sub-base
Pneumatic connection 2	Sub-base
Pneumatic connection 3	Sub-base
Note on materials	RoHS compliant
Seals material	FPM HNBR NBR
Housing material	PA-reinforced PPS-reinforced