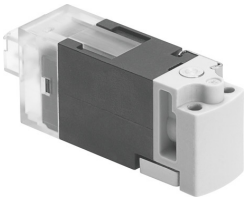
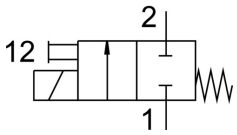
Air solenoid valve
MHA1-M1LCH-2/2G-1.5-HC

Part number: 557864





Data sheet

Feature	Value
Valve function	2/2, closed, monostable
Actuation type	Electrical
Width	10 mm
Standard nominal flow rate	30 l/min
Pneumatic working port	Sub-base
Operating voltage	24V DC
Operating pressure	0 bar ... 1.5 bar
Structural design	Poppet valve with return spring
Reset method	Mechanical spring
Degree of protection	IP40
CE marking (see declaration of conformity)	As per EU EMC directive
Nominal width	1.5 mm
Width dimension	10 mm
Type code	MHA1
Exhaust air function	Without flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	Non-detenting
Type of control	Direct
Flow direction	Non-reversible
Symbol	00991398
Signal status display	LED
Operating pressure, reversible	-0.95 bar ... 0 bar
Suitability for vacuum	yes
Standard flow rate	30 l/min
Max. switching frequency	10 Hz
Switching time off	6 ms
On switching time	6 ms
Duty cycle	100%
Coil characteristics	24 V DC: low-current phase 0.7 W, high-current phase 3.0 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
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27

Feature	Value
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Storage temperature	-20 °C ... 60 °C
Temperature of medium	-5 °C ... 50 °C
Ambient temperature	-5 °C ... 50 °C
Product weight	10 g
Max. cable length	30 m
Electrical connection	KMH plug
Type of mounting	On sub-base
Pneumatic connection 1	Sub-base
Pneumatic connection 11	Sub-base
Pneumatic connection 2	Sub-base
Note on materials	Free of copper and PTFE RoHS-compliant
Seals material	FPM HNBR NBR
Housing material	PA-reinforced PPS-reinforced
Material of screws	Steel