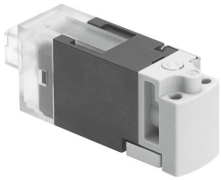


Air solenoid valve

MHA1-M1LCH-2/2G-1.5-HC

FESTO

Part number: 557864



 [General operating condition](#)

Data sheet

Feature	Value
Valve function	2/2-way, closed, monostable
Actuation type	Electrical
Width	10 mm
Normal nominal flow rate (normalized to DIN 1343)	30 l/min
Pneumatic working port	Sub-base
Operating voltage	24V DC
Operating pressure	0 bar ... 1.5 bar
Structural design	Poppet valve with spring return
Reset method	Mechanical spring
Degree of protection	IP40
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
Nominal width	1.5 mm
Width dimension	10 mm
Exhaust air function	Cannot be throttled
Sealing principle	Soft
Mounting position	Any
Manual override	Non-detenting
Type of control	directly
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 (standardized according to DIN 1343)	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)

Feature	Value
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
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
Max. cable length	30 m
Electrical connection	Plug KMH
Type of mounting	On sub-base
Pneumatic connection 1	Sub-base
Pneumatic connection 11	Sub-base
Pneumatic connection 2	Sub-base
Note on materials	RoHS compliant
Seals material	FPM HNBR NBR
Housing material	PPS-reinforced
Material of screws	Steel