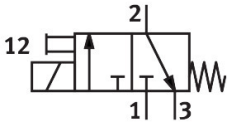
Solenoid valve
MHE4-M1H-3/2G-QS-8

Part number: 525190



Data sheet

Feature	Value
Valve function	3/2-way, closed, monostable
Type of actuation	Electric
Construction width	18 mm
Standard nominal flow rate (standardised to DIN 1343)	400 l/min
pneumatic working port	QS-8
Operating voltage	24V DC
Operating pressure	-0.09 MPa...0.8 MPa -0.9 bar...8 bar -13.05 psi...116 psi
Design	Pressure-relieved poppet valve
Type of reset	Mechanical spring
Degree of protection	IP65
Approval	c UL us - Recognized (OL)
Nominal size	4 mm
Grid dimension	24 mm
Note on grid dimension	Minimum distance between the valves is 6 mm
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Manual override	Non-detenting
Type of piloting	Direct
Flow direction	Reversible with restrictions
lap	Underlap
Operating pressure, reversible	-0.09 MPa...0.1 MPa -0.9 bar...1 bar -13.05 psi...14.5 psi
Max. 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 fluctuations	+/- 10 %

Feature	Value
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom class	Class 6 according to ISO 14644-1
Media temperature	-5 °C...60 °C
Ambient temperature	-5 °C...60 °C
Product weight	270 g
Electrical connection	2-pin Plugs
Type of mounting	With through-hole
Pneumatic connection, port 1	QS-8
Pneumatic connection, port 2	QS-8
Pneumatic connection, port 3	QS-8
Note on materials	RoHS-compliant
Material seals	HNBR NBR
Material housing	Die-cast zinc, coated
Material screws	Galvanised steel