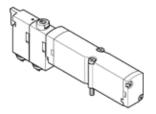
## Solenoid valve VMPA14-M1H-MS-PI Part number: 573974



## **Data sheet**

Feature	Value
Valve function	5/2 monostable
Type of actuation	electrical
Valve size	14 mm
Standard nominal flow rate	550 670 l/min
Operating pressure MPa	-0.09 0.8 MPa
Working pressure	-0.9 8 bar
Design structure	Piston slide
Type of reset	mechanical spring
Authorization	c UL us - Recognized (OL)
Protection class	IP65
	to IEC 60529
Sealing principle	soft
Assembly position	Any
Manual override	detenting
	Pushing
Type of piloting	Piloted
Flow direction	reversible
Lap	Positive overlap
Signal status display	Yes
Pilot pressure MPa	0.3 0.8 MPa
Pilot pressure	3 8 bar
Suitability for vacuum	Yes
Information on standard nominal flow rate	MPA-L: 670 l/min
	MPA-S: 550 l/min
Standard nominal flow rate with QS-8	550 670 l/min
Max. switching frequency	2 Hz
Switching time off	41 ms
Switching time on	13 ms
Max. positive test pulse with logic 0	400 µs
Max. negative test pulse with logic 1	200 µs
Permissible voltage fluctuation	+/- 25 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further
	operation)
Vibration resistance	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-20 40 °C
Medium temperature	-5 50 °C
Relative air humidity	Max. 90% at 40°C
Ambient temperature	-5 50 °C
Max. tightening torque, valve mounting	0.65 Nm
Product weight	77 g
Mounting type	with through hole
Materials note	Conforms to RoHS
Material seals	NBR
	Aluminum die cast
Material housing	

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