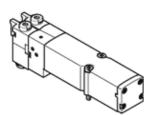
Solenoid valve VMPA2-M1H-J-PI Part number: 537953

For valve manifold MPA-S.



Data sheet

Feature	Value
Valve function	5/2 bistable
Type of actuation	electrical
Valve size	20 mm
Standard nominal flow rate	860 l/min
Working pressure	-0.9 10 bar
Design structure	Piston slide
Protection class	IP65
	to IEC 60529
Authorization	c UL us - Recognized (OL)
Sealing principle	soft
Assembly position	Any
Manual override	detenting
	Pushing
Type of piloting	Piloted
Flow direction	reversible
Freedom from overlap	Yes
Signal status display	Yes
Pilot pressure	3 8 bar
Suitability for vacuum	Yes
Standard nominal flow rate with QS-8	670 l/min
Standard nominal flow with QS-10	860 l/min
Switching time on	9 ms
Switching time reversal	22 ms
Max. positive test pulse with logic 0	400 µs
Max. negative test pulse with logic 1	900 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
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	100 g
Mounting type	with through hole
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Aluminum die cast

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