



Solenoid valve VMPA14-M1H-M-PI

URL: <https://www.sxplc.com/solenoid-valve-vmpla14-m1h-m-pi>

Product data sheet

Feature	Value
Valve function	5/2-way, monostable
Type of actuation	Electric
Valve size	14 mm
Standard nominal flow rate	550 l/min...670 l/min
Operating voltage	24V DC
Operating pressure	-0.09 MPa...1 MPa -0.9 bar...10 bar
Design	Piston gate valve
Type of reset	Pneumatic spring
Approval	c UL us - Recognized (OL)
Degree of protection	IP65 In assembled state To IEC 60529
Sealing principle	Soft
Mounting position	optional
Manual override	Detenting Non-detenting
Type of piloting	Pilot actuated
Flow direction	Reversible
lap	Positive overlap
Signal status display	yes
Pilot pressure	0.3 MPa...0.8 MPa 3 bar...8 bar
Suitability for vacuum	yes
Note on standard nominal flow rate	MPA-L: 670 l/min MPA-S: 550 l/min
Standard nominal flow rate with QS-8	550 l/min...670 l/min
Switching time off	20 ms
Switching time on	13 ms
Max. positive test pulse with 0 signal	400 µs
Max. negative test pulse with 1 signal	200 µs
Permissible voltage fluctuations	+/- 25%
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]

