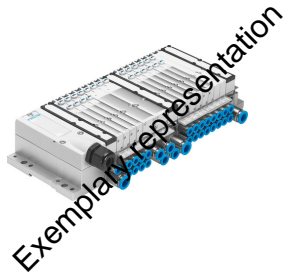


Valve manifold MPA-MPM-VI

Part number: 539105

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	5/2, monostable 5/3, exhausted 2x3/2, open/closed, monostable 5/2, bistable 2x3/2, open, monostable 5/3, pressurized 3/2, open, monostable 2x3/2, closed, monostable 5/3, closed 2/2, closed, monostable 3/2, closed, monostable
KC characters	KC EMC
Valve size	10 mm 20 mm 14 mm
Max. standard nominal flow rate	360 l/min at 10 mm 700 l/min at 20 mm 550 l/min at 14 mm
Pneumatic working port	QS-6 QS-8 QS-3/16 M7 G1/8 QS-1/4 QS-5/16 QS-4
Operating pressure	-0.9 bar ... 10 bar
Electrical actuation	Multi-pin
Max. no. of valve positions	24
Max. no. of pressure zones	7
Ambient temperature	-5 °C ... 50 °C
Degree of protection	IP67
Certification	c UL us - Recognized (OL) RCM compliance mark
Type code	MPA-MPM-VI
Actuation type	Electrical
Valve terminal type	32
Design	Piston gate valve Poppet valve with return spring
Pilot air supply port	External Internal

Feature	Value
Valve manifold design	Modular, pneumatic valve sizes can be mixed
Signal status display	LED
Suitability for vacuum	yes
Nominal operating voltage DC	24 V
Permissible voltage fluctuations	+/- 25 %
ATEX category gas	II 3G
Type of ignition protection for gas	Ex nA IIC T4 X Gc
Explosive ambient temperature	-5°C <= Ta <= +50°C
Explosion prevention and protection	Zone 2 (ATEX)
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)
CE marking (see declaration of conformity)	As per EU EMC directive as per EU explosion protection directive (ATEX)
Corrosion resistance class (CRC)	1 - Low corrosion stress
Storage temperature	-20 °C ... 40 °C
Temperature of medium	-5 °C ... 50 °C
Relative air humidity	Max. 90 % at 40 °C
Note on materials	RoHS-compliant