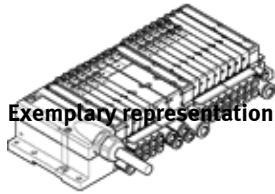


# Valve manifold MPA-MPM-VI

Part number: 539105

FESTO

Valve manifold MPA with multi-pin plug.



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Electrical connection	Multi-pin plug
Valve manifold type	32
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)
Medium temperature	-5 ... 50 °C
Ambient temperature	-5 ... 50 °C
Storage temperature	-20 ... 40 °C
Relative air humidity	Max. 90% at 40°C
Protection class	IP67
Corrosion resistance classification CRC	1 - Low corrosion stress
Operating pressure MPa	-0.09 ... 1 MPa
Working pressure	-0.9 ... 10 bar
Pilot pressure MPa	0.3 ... 0.8 MPa
Pilot pressure	3 ... 8 bar
PWIS conformity	VDMA24364-B1/B2-L
CE symbol (see declaration of conformity)	according to EU-EMV guideline in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK EX instructions To UK RoHS instructions
KC mark	KC-EMV
Authorization	RCM Mark c UL us - Recognized (OL)
ATEX category Gas	II 3G
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
Explosion ignition protection type Gas	Ex ec IIC T4 Gc X
Explosion-proof ambient temperature	-5°C ≤ Ta ≤ +50°C
Materials note	Conforms to RoHS
Valve manifold structure	Modular, valve sizes can be mixed
Max. number of valve positions	24
Max. no. of pressure zones	7
Type of actuation	electrical
Valve function	2/2 closed, monostable 2x3/2 closed, monostable 2x3/2 open, monostable 2x3/2 open/closed, monostable 3/2 closed, monostable 3/2 open, monostable 5/2 bistable 5/2 monostable

<b>Feature</b>	<b>Value</b>
	5/3 pressurized 5/3 exhausted 5/3 closed
Design structure	Piston slide Poppet valve with spring return
Valve size	10 mm 14 mm 20 mm
Pilot air supply	external Internal
Max. standard nominal flow rate	360 l/min at 10 mm 550 l/min at 14 mm 700 l/min at 20 mm
Suitability for vacuum	Yes
Signal status display	LED
Nominal operating voltage DC	24 V
Permissible voltage fluctuation	+/- 25 %