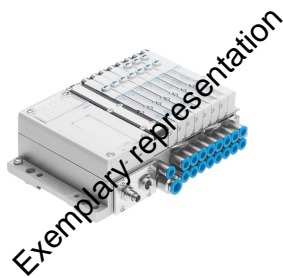


Valve manifold MPA-CPI-VI

Part number: 546280

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	5/3, pressurized 5/2, monostable 2x3/2, open, monostable 5/2, bistable 3/2, open, monostable 2/2, closed, monostable 2x3/2, closed, monostable 5/3, exhausted 3/2, closed, monostable 5/3, closed 2x3/2, open/closed, monostable
KC characters	KC EMC
Valve size	14 mm 10 mm 20 mm
Max. standard nominal flow rate	700 l/min at 20 mm 550 l/min at 14 mm 360 l/min at 10 mm
Pneumatic working port	G1/8 QS-3/16 QS-6 QS-8 QS-1/4 QS-5/16 QS-4 M7
Operating pressure	-0.9 bar ... 10 bar
Electrical actuation	Fieldbus
Max. no. of valve positions	32
Max. no. of pressure zones	9
Electrical I/O system	no
Ambient temperature	-5 °C ... 50 °C
Degree of protection	IP67
Certification	RCM compliance mark c UL us - Recognized (OL)
Type code	MPA-CPI-VI
Actuation type	Electrical
Flat plate silencer	At one end
Valve terminal type	32
Design	Piston gate valve Poppet valve with return spring

Feature	Value
Pilot air supply port	Internal External
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 explosion protection directive (ATEX) As per EU EMC directive
Corrosion resistance class (CRC)	0 - No 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