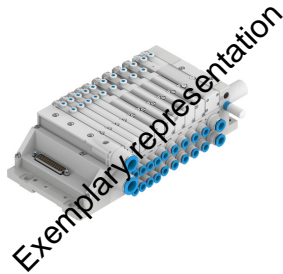


Valve manifold MPAL-VI

Part number: 569926

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	5/3, closed 2x3/2, closed, monostable 5/2, bistable 5/3, pressurized 5/2, monostable 3/2, open, monostable 3/2, closed, monostable 2/2, closed, monostable 5/3, exhausted 2x3/2, open, monostable 2x3/2, open/closed, monostable
KC characters	KC EMC
Valve size	14 mm 20 mm 10 mm
Max. standard nominal flow rate	870 l/min at 20 mm 670 l/min at 14 mm 360 l/min at 10 mm
Pneumatic working port	QS-1/2 QS-5/32 QS-6 QS-8 QS-5/16 QS-3 QS-1/8 QS-3/16 QS-4 QS-3/8 M7 QS-10 G1/4 QS-12 QS-1/4
Operating pressure	-0.9 bar ... 10 bar
Electrical actuation	Multi-pin I-Port Fieldbus IO-Link®
Max. no. of valve positions	32
Max. no. of pressure zones	20
Electrical I/O system	yes
Ambient temperature	-5 °C ... 50 °C
Degree of protection	IP67 IP65

Feature	Value
Certification	RCM compliance mark c UL us - Listed (OL)
Type code	MPAL-VI
Actuation type	Electrical
Valve terminal type	34
Design	Poppet valve with return spring Piston gate valve
Type of control	Electrical
Pilot air supply port	External Internal
Valve manifold design	Valve sizes can be mixed
Switching position indication	LED
Signal status display	LED
Suitability for vacuum	yes
Nominal operating voltage DC	24 V
Permissible voltage fluctuations	+/- 25 %
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
Corrosion resistance class (CRC)	3 - High corrosion stress
Storage temperature	-20 °C ... 40 °C
Temperature of medium	-5 °C ... 50 °C
Note on materials	RoHS-compliant