

Valve manifold MPAC-VI

Part number: 575465

FESTO



Data sheet

Feature	Value
Electrical actuation	I-Port IO-Link® Multi-pin
Electrical I/O system	no
Valve terminal type	35
Width dimension	26.8 mm
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)
Temperature of medium	-5 °C...50 °C
Ambient temperature	-5 °C...60 °C
Storage temperature	-20 °C...40 °C
Degree of protection	IP65 IP67 IP69K
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Operating pressure	-0.09 MPa...0.8 MPa -0.9 bar...8 bar
Pilot pressure MPa	0.3 MPa...0.8 MPa
Pilot pressure	3 bar...8 bar
Operating pressure for valve manifold with internal pilot air supply	0.3 MPa...0.8 MPa 3 bar...8 bar 43.5 psi...116 psi
LABS (PWIS) conformity	VDMA24364-B2-L
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
KC characters	KC EMC
Certification	RCM compliance mark UL - Recognized (OL)
For use in the food industry	See supplementary material information

Feature	Value
Note on materials	RoHS-compliant
Seals material	EPDM
Valve manifold design	Modular and expandable
Max. no. of valve positions	32
Max. no. of pressure zones	32
Actuation type	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 5/3, pressurized 5/3, exhausted 5/3, closed
Structural design	Piston gate valve
Type of control	Electrical
Valve size	14 mm
Pilot air supply port	External Internal
Max. standard nominal flow rate	780 l/min at 14 mm
Suitability for vacuum	yes
Pneumatic connection 1	G1/4 G3/8
Pneumatic connection 2	G1/4
Pneumatic connection 3	G1/4 G3/8
Pneumatic connection 4	G1/4
Pilot air port 12/14	G1/8
Pilot exhaust air port 82/84	G1/8
Signal status display	LED
Nominal operating voltage DC	24 V
Permissible voltage fluctuations	+/- 25 %
Nominal pick-up current per solenoid coil	50 mA to 20 ms
Nominal current with current reduction	10 mA after 20 ms