

Valve manifold CPV-SC-FB-VI

Part number: 538510

FESTO



Data sheet

Feature	Value
Electrical actuation	CPI installation system Fieldbus
Electrical I/O system	Yes
Valve terminal type	80
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...50 °C
Degree of protection	IP40
Corrosion resistance class (CRC)	1 - Low corrosion stress
Operating pressure	-0.09 MPa...0.7 MPa -0.9 bar...7 bar
Pilot pressure MPa	0.3 MPa...0.7 MPa
Pilot pressure	3 bar...7 bar
Operating pressure for valve manifold with internal pilot air supply	0.3 MPa...0.7 MPa 3 bar...7 bar
LABS (PWIS) conformity	VDMA24364-B2-L
CE marking (see declaration of conformity)	As per EU EMC directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
KC characters	KC-EMV
Certification	c UL us - recognized (OL)
Note on materials	RoHS compliant
Valve manifold design	Fixed grid
Max. no. of valve positions	16
Max. no. of pressure zones	8
Actuation type	Electrical
Valve function	2/2-way, closed, monostable 3/2-way, closed, monostable 3/2-way, monostable, open 5/2-way, bistable 5/2-way, monostable
Structural design	Piston gate valve
Valve size	10 mm

Feature	Value
Pilot air supply port	External Internal
Max. standard nominal flow rate	170 l/min at 10 mm
Nominal width	2.5 mm
Suitability for vacuum	Yes
Exhaust air function	Cannot be throttled
Pneumatic working port	M5 QS-3 QS-4
Signal status display	LED
Nominal operating voltage DC	24 V
Permissible voltage fluctuations	+/- 10%