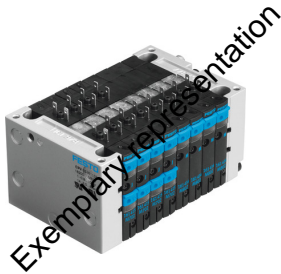


# Valve manifold CPV10-VI

Part number: 18200

FESTO



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	5/2, bistable 2x3/2, closed, monostable Vacuum generator 2x3/2, open/closed, monostable 2x2/2 closed, monostable 2x3/2, open, monostable 2x2/2, open/closed, monostable 5/2, monostable Vacuum generator + 2/2, closed, monostable
KC characters	KC EMC
Valve size	10 mm
Max. standard nominal flow rate	400 l/min at 10 mm
Pneumatic working port	QS-4 M7 QS-1/4 QS-1/8 QS-6
Operating pressure	-0.9 bar ... 10 bar
Electrical actuation	CPI installation system AS-Interface Individual connection Fieldbus Multi-pin
Max. no. of valve positions	8
Max. no. of pressure zones	2
Electrical I/O system	yes
Ambient temperature	-5 °C ... 50 °C
Degree of protection	IP65
Certification	c UL us - Recognized (OL) RCM compliance mark
Nominal width	4 mm
Type code	CPV10
Actuation type	Electrical
Sealing principle	Soft
Valve terminal type	10
Design	Piston gate valve
Max. no. of valve functions	16
Pilot air supply port	External Internal
Valve manifold design	Fixed grid

Feature	Value
Signal status display	LED
Information on operating pressure	0 - 8 bar with external pilot air
Pilot pressure	3 bar ... 8 bar
Suitability for vacuum	yes
Nominal operating voltage DC	24 V
ATEX category gas	II 3G
Type of ignition protection for gas	Ex nA IIC T4 X Gc
Explosion protection certification outside the EU	NEC 500 Class I, Div. 2
Explosive ambient temperature	-5°C ≤ Ta ≤ +50°C
Explosion prevention and protection	Zone 2 (ATEX) Class I, Div. 2 (US)
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
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
Corrosion resistance class (CRC)	1 - Low corrosion stress 2 - Moderate corrosion stress
Storage temperature	-20 °C ... 40 °C
Temperature of medium	-5 °C ... 50 °C
Pilot air port 12/14	Common port
Pilot exhaust air port 82/84	Common port
Pneumatic connection 1	Common port
Pneumatic connection 2	M7
Pneumatic connection 3	Common port
Pneumatic connection 4	M7
Note on materials	RoHS-compliant