

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

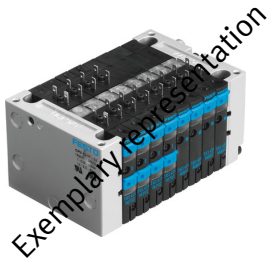
Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

Valve terminal
CPV10-VI

Part number: 18200



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Electrical control	AS-Interface CPI installation system Individual connection Fieldbus Multi-pin plug
Electrical I/O system	yes
Terminal type	10
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Media temperature	-5 °C ... 50 °C
Ambient temperature	-5 °C ... 50 °C
Storage temperature	-20 °C ... 40 °C
Degree of protection	IP65
Corrosion resistance class CRC	1 - Low corrosion stress 2 - Moderate corrosion stress
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Operating pressure	-0.09 MPa ... 1 MPa
Operating pressure	-0.9 bar ... 10 bar
Note on operating pressure	0 - 0.8 MPa with ext. pilot air 0 - 8 bar with external pilot air
Pilot pressure	0.3 MPa ... 0.8 MPa
Pilot pressure	3 bar ... 8 bar
LABS (PWIS) conformity	VDMA24364-B1/B2-L
CE mark (see declaration of conformity)	To EU EMC Directive To EU Explosion Protection Directive (ATEX)
KC mark	KC-EMV
Approval	RCM trademark c UL us - Recognized (OL)
Explosion protection	Class I, Div. 2 (US) Zone 2 (ATEX)
ATEX category gas	II 3G
Explosion protection certification outside the EU	NEC 500 Class I, Div. 2
Explosion ignition protection type for gas	Ex nA IIC T4 X Gc
Explosion ambient temperature	-5°C <= Ta <= +50°C
Note on materials	RoHS-compliant

Feature	Value
Valve terminal structure	Fixed grid
Max. number of valve positions	8
Max. number of valve functions	16
Max. number of pressure zones	2
Type of actuation	Electric
Valve function	2x2/2-way, monostable, closed 2x2/2-way, open/closed, monostable 2x3/2-way, monostable, closed 2x3/2-way, open, monostable 2x3/2-way, open/closed, monostable 5/2 double solenoid 5/2-way, monostable Vacuum generator Vacuum generator + 2/2-way, closed, monostable
Design	Piston gate valve
Sealing principle	Soft
Valve size	10 mm
Pilot air supply	External Internal
Max. standard nominal flow rate	400 l/min at 10 mm
Nominal size	4 mm
Suitability for vacuum	yes
pneumatic working port	M7 QS-4 QS-6 QS-1/8 QS-1/4
Pneumatic connection, port 1	Common line
Pneumatic connection, port 2	M7
Pneumatic connection, port 3	Common line
Pneumatic connection, port 4	M7
Pilot air port 12/14	Common line
Pilot exhaust port 82/84	Common line
Signal status display	LED
Nominal operating voltage DC	24 V

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP