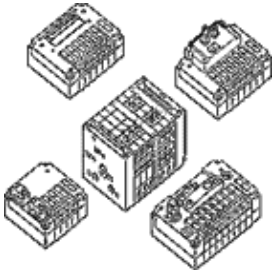


# Valve terminal CPV10-VI

Part number: 18200

FESTO

Valve terminal CPV, grid dimension 10 mm.



## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature                         | values   |
|---------------------------------|--|
| Valve function                  | 2x2/2 closed, monostable<br>2x2/2 open/closed, monostable<br>2x3/2 closed, monostable<br>2x3/2 open, monostable<br>2x3/2 open/closed, monostable<br>5/2 bistable<br>5/2 monostable<br>Vacuum generator<br>Vacuum generator + 2/2 closed, single solenoid |
| Valve size                      | 10 mm  |
| Max. standard nominal flow rate | 400 l/min bei 10 mm  |
| Operating pressure              | -0.9 ... 10 bar  |
| Electrical connection           | AS-Interface<br>CPI installation system<br>Individual connection<br>Fieldbus<br>Multi-pin plug   |
| Max. number of valve positions  | 8  |
| Max. no. of pressure zones      | 2  |
| Electrical I/O system           | Yes  |
| Ambient temperature             | -5 ... 50 °C   |
| Protection class                | IP65   |
| Authorisation                   | C-Tick<br>c UL us - Recognized (OL)  |
| Nominal size                    | 4 mm   |
| Type of actuation               | electrical   |
| Sealing principle               | soft   |
| Valve terminal type             | 10   |
| Design structure                | Piston slide   |
| Max. no. of valve functions     | 16   |
| Pilot air supply                | external<br>Internal   |
| Valve terminal structure        | Fixed-grid   |
| Switching position indicator    | LED  |
| Note on operating pressure      | 0 - 8 bar for external pilot air   |
| Pilot pressure                  | 3 ... 8 bar  |
| Suitability for vacuum          | Yes  |
| Nominal operating voltage DC    | 24 V   |
| ATEX category Gas               | II 3G  |

| Feature   | values   |
|---|--|
| Explosion ignition protection type Gas            | Ex nA IIC T4 X Gc  |
| Explosion-proof ambient temperature               | -5°C ≤ Ta ≤ +50°C  |
| Explosion protection certification outside the EU | NEC 500 Class I, Div. 2  |
| Operating medium                                  | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                                       |
| Note on operating and pilot medium                | Lubricated operation possible (subsequently required for further operation)                    |
| CE mark (see declaration of conformity)           | to EU directive for EMC<br>to EU directive explosion protection (ATEX)                         |
| Corrosion resistance classification CRC           | 1<br>2   |
| Storage temperature                               | -20 ... 40 °C  |
| Medium temperature                                | -5 ... 50 °C   |
| Vibration resistance                              | Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 |
| Shock resistance                                  | Shock test SG2 to FN/EN  |
| Auxiliary pilot air port 12/14                    | Common line  |
| Pilot exhaust port 82/84                          | Common line  |
| Pneumatic connection, port 1                      | Common line  |
| Pneumatic connection, port 2                      | M7   |
| Pneumatic connection, port 3                      | Common line  |
| Pneumatic connection, port 4                      | M7   |
| Materials note                                    | Conforms to RoHS   |