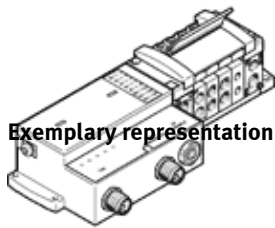


Valve manifold CPV-SC-FB-VI

Part number: 538510

FESTO

with fieldbus connection.



Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|--|--|
| Electrical connection | CPI installation system Fieldbus |
| Electrical I/O system | Yes |
| Valve manifold type | 80 |
| 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) |
| Medium temperature | -5 ... 50 °C |
| Ambient temperature | -5 ... 50 °C |
| Protection class | IP40 |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| Operating pressure MPa | -0.09 ... 0.7 MPa |
| Working pressure | -0.9 ... 7 bar |
| Pilot pressure MPa | 0.3 ... 0.7 MPa |
| Pilot pressure | 3 ... 7 bar |
| Operating pressure for valve terminal with internal pilot air supply | 0.3 ... 0.7 MPa |
| Working pressure for valve manifold with internal pilot air supply | 3 ... 7 bar |
| PWIS conformity | VDMA24364-B2-L |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC |
| KC mark | KC-EMV |
| Authorization | c UL us - Recognized (OL) |
| Materials note | Conforms to RoHS |
| Valve manifold structure | Fixed-grid |
| Max. number of valve positions | 16 |
| Max. no. of pressure zones | 8 |
| Type of actuation | electrical |
| Valve function | 2/2 closed, monostable 3/2 closed, monostable 3/2 open, monostable 5/2 bistable 5/2 monostable |
| Design structure | Piston slide |
| Valve size | 10 mm |
| Pilot air supply | external Internal |
| Max. standard nominal flow rate | 170 l/min at 10 mm |
| Nominal size | 2.5 mm |
| Suitability for vacuum | Yes |
| Exhaust-air function | not throttleable |
| Signal status display | LED |
| Nominal operating voltage DC | 24 V |
| Permissible voltage fluctuation | +/- 10 % |