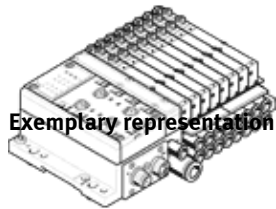


valve terminal MPA-ASI-VI

Part number: 546279

FESTO

Valve terminal MPA with AS-interface connection.



Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|---|---|
| Electrical connection | AS-Interface |
| Electrical I/O system | Yes |
| Valve terminal type | 32 |
| 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 |
| Storage temperature | -20 ... 40 °C |
| Relative air humidity | Max. 90% at 40°C |
| Protection class | IP67 |
| Corrosion resistance classification CRC | 0 - No corrosion stress |
| Operating pressure MPa | -0.09 ... 1 MPa |
| Operating pressure | -0.9 ... 10 bar |
| Pilot pressure MPa | 0.3 ... 0.8 MPa |
| Pilot pressure | 3 ... 8 bar |
| PWIS conformity | VDMA24364-B1/B2-L |
| CE mark (see declaration of conformity) | to EU directive for EMC to EU directive explosion protection (ATEX) in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK EX instructions To UK RoHS instructions |
| KC mark | KC-EMV |
| Authorisation | RCM Mark c UL us - Recognized (OL) |
| ATEX category Gas | II 3G |
| Explosion protection certification outside the EU | EPL Db (GB) EPL Gb (GB) |
| Explosion ignition protection type Gas | Ex ec IIC T4 Gc X |
| Explosion-proof ambient temperature | -5 °C ≤ Ta ≤ +50 °C |
| Materials note | Conforms to RoHS |
| Valve terminal structure | Modular, valve sizes can be mixed |
| Max. number of valve positions | 8 |
| Max. no. of pressure zones | 3 |
| Type of actuation | electrical |
| Valve function | 2/2 closed, monostable 2x3/2 closed, monostable 2x3/2 open, monostable 2x3/2 open/closed, monostable 3/2 closed, monostable 3/2 open, monostable |

| Feature | Value |
|---------------------------------|--|
| | 5/2 bistable 5/2 monostable 5/3 pressurised 5/3 exhausted 5/3 closed |
| Design structure | Piston slide Poppet valve with spring return |
| Valve size | 10 mm 14 mm 20 mm |
| Pilot air supply | external Internal |
| Max. standard nominal flow rate | 360 l/min at 10 mm 550 l/min at 14 mm 700 l/min at 20 mm |
| Suitability for vacuum | Yes |
| Signal status display | LED |
| Nominal operating voltage DC | 24 V |
| Permissible voltage fluctuation | +/- 25 % |