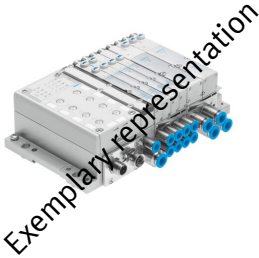


Valve terminal MPA-ASI-VI

Part number: 546279

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|---|--|
| Electrical control | AS-i |
| Electrical I/O system | Yes |
| Terminal type | 32 |
| 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 |
| Relative air humidity | Max. 90% at 40 °C |
| Degree of protection | IP67 |
| Corrosion resistance class CRC | 0 - No corrosion stress |
| Operating pressure | -0.09 MPa ... 1 MPa |
| Operating pressure | -0.9 bar ... 10 bar |
| 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) In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| KC mark | KC-EMV |
| Approval | RCM c UL us - Recognised (Oil) |
| Explosion protection | Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (UKEX) |
| ATEX category gas | II 3G |
| Explosion protection certification outside the EU | EPL Db (GB) EPL Gb (GB) |
| Explosion ignition protection type for gas | Ex ec IIC T4 Gc X |
| Explosion ambient temperature | -5°C ≤ Ta ≤ +50°C |
| Certificate issuing authority | MH19482 |
| Note on materials | RoHS compliant |
| Valve terminal structure | Modular, valve sizes can be mixed |
| Max. number of valve positions | 8 |
| Max. number of pressure zones | 3 |

| Feature | Value |
|----------------------------------|--|
| Type of actuation | Electrical |
| Valve function | 2/2-way, single solenoid, closed 2x3/2 closed monostable 2x3/2 open monostable 2x3/2-way, open/closed, monostable 3/2-way, single solenoid, closed 3/2-way, single solenoid, open 5/2-way, double solenoid 5/2-way, single solenoid 5/3-way, pressurised 5/3 exhausted 5/3-way, closed |
| Design | Piston gate valve Poppet valve with spring return |
| Valve size | 14 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 |
| pneumatic working port | M7 G1/8 QS-4 QS-6 QS-8 QS-3/16 QS-1/4 QS-5/16 |
| Signal status display | LED |
| Nominal operating voltage DC | 24 V |
| Permissible voltage fluctuations | +/-25% |