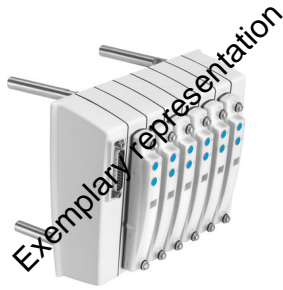


Valve manifold MPAC-VI

Part number: 575465

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|--|--|
| Valve function | 5/3, exhausted 5/2, monostable 2x3/2, closed, monostable 2/2, closed, monostable 3/2, closed, monostable 5/3, closed 2x3/2, open, monostable 5/2, bistable 3/2, open, monostable 2x3/2, open/closed, monostable 5/3, pressurized |
| KC characters | KC EMC |
| Valve size | 14 mm |
| Max. standard nominal flow rate | 780 l/min at 14 mm |
| Operating pressure | -0.9 bar ... 8 bar |
| Electrical actuation | I-Port Multi-pin IO-Link® |
| Max. no. of valve positions | 32 |
| Max. no. of pressure zones | 32 |
| Electrical I/O system | no |
| Ambient temperature | -5 °C ... 60 °C |
| Degree of protection | IP65 IP67 IP69K |
| Certification | RCM compliance mark UL - Recognized (OL) |
| Width dimension | 26.8 mm |
| Type code | VMPAC-VI |
| Actuation type | Electrical |
| Valve terminal type | 35 |
| Design | Piston gate valve |
| Type of control | Electrical |
| Pilot air supply port | External Internal |
| Valve manifold design | Modular and expandable |
| Signal status display | LED |
| Operating pressure for valve manifold with internal pilot air supply | 3 bar ... 8 bar |
| Pilot pressure | 3 bar ... 8 bar |

| Feature | Value |
|--|--|
| Suitability for vacuum | yes |
| Nominal pick-up current per solenoid coil | 50 mA to 20 ms |
| Nominal operating voltage DC | 24 V |
| Nominal current with current reduction | 10 mA after 20 ms |
| Permissible voltage fluctuations | +/- 25 % |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| CE marking (see declaration of conformity) | As per EU EMC directive |
| Vibration resistance | Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 |
| Shock resistance | Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27 |
| Corrosion resistance class (CRC) | 4 - Particularly high corrosion stress |
| Storage temperature | -20 °C ... 40 °C |
| For use in the food industry | See supplementary material information |
| Temperature of medium | -5 °C ... 50 °C |
| Pilot air port 12/14 | G1/8 |
| Pilot exhaust air port 82/84 | G1/8 |
| Pneumatic connection 1 | G1/4 G3/8 |
| Pneumatic connection 2 | G¼ |
| Pneumatic connection 3 | G1/4 G3/8 |
| Pneumatic connection 4 | G1/4 |
| Note on materials | RoHS-compliant |
| Seals material | EPDM |