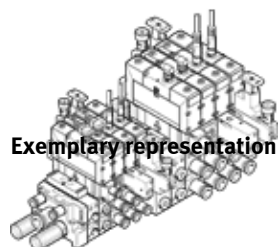


valve manifold assembly VTIA

Part number: 546835

FESTO



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|---|--|
| Electrical connection | Individual connection |
| Valve terminal type | 16 |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Pilot 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 ... 60 °C |
| Relative air humidity | 0 - 90 % |
| Protection class | IP65 NEMA 4 |
| Corrosion resistance classification CRC | 0 - No corrosion stress |
| Operating pressure MPa | -0.09 ... 1.6 MPa |
| Operating pressure | -0.9 ... 16 bar |
| Pilot pressure MPa | 0.3 ... 1 MPa |
| Pilot pressure | 3 ... 10 bar |
| PWIS conformity | VDMA24364-B2-L |
| Materials note | Conforms to RoHS |
| Material seals | HNBR NBR |
| Valve terminal structure | Modular, valve sizes can be mixed |
| Max. number of valve positions | 16 |
| Max. no. of pressure zones | 3 |
| Type of actuation | electrical |
| Valve function | 2x3/2 closed, monostable 2x3/2 open, monostable 2x3/2 open/closed, monostable 5/2 bistable 5/2 bistable-dominant 5/2 monostable 5/3 pressurised 5/3 exhausted 5/3 closed |
| Design structure | Piston slide |
| Valve size | 18 mm 26 mm |
| Max. standard nominal flow rate | 550 l/min at 18 mm 1100 l/min at 26 mm |
| Width | 18 mm 26 mm |
| Suitability for vacuum | Yes |
| Exhaust-air function | Via throttle plate |
| Permissible voltage fluctuation | -15 % / +10 % |