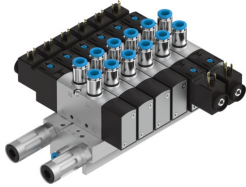


Manifold assembly VTUS-20

Part number: 577304

FESTO



Data sheet

| Feature | Value |
|--|--|
| Electrical actuation | Individual connection |
| Electrical I/O system | no |
| Width dimension | 22 mm |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Temperature of medium | -10 °C...50 °C |
| Ambient temperature | -10 °C...50 °C |
| Storage temperature | -20 °C...60 °C |
| Degree of protection | IP65 IP67 With plug socket as per IEC 60529 |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| Operating pressure | -0.09 MPa...1 MPa -0.9 bar...10 bar |
| Pilot pressure MPa | 0.15 MPa...1 MPa |
| Pilot pressure | 1.5 bar...10 bar |
| Operating pressure for valve manifold with internal pilot air supply | 1.5 bar...10 bar |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Cleanroom class | Class 6 according to ISO 14644-1 |
| CE marking (see declaration of conformity) | as per EU explosion protection directive (ATEX) |
| UKCA marking (see declaration of conformity) | acc. to UK EX instructions |
| Certification | c UL us - Recognized (OL) |
| Explosion prevention and protection | Zone 2 (ATEX) Zone 2 (UKEX) Zone 22 (ATEX) Zone 22 (UKEX) |
| ATEX category gas | II 3G |
| ATEX category for dust | II 3D |
| Explosion protection certification outside the EU | EPL Dc (GB) EPL Gc (GB) |
| Type of ignition protection for gas | Ex ec IIC T4 Gc X |
| Type of (ignition) protection for dust | Ex tc IIIC T115°C Dc X |
| Explosive ambient temperature | -10°C <= Ta <= +50°C |
| Note on materials | RoHS-compliant |

| Feature | Value |
|-----------------------------|---|
| Seals material | HNBR NBR TPE-U(PU) |
| Valve manifold design | Fixed grid |
| Max. no. of valve positions | 16 |
| Max. no. of pressure zones | 9 |
| Valve function | 2x3/2, closed, monostable 2x3/2, open, monostable 2x3/2, open/closed, monostable 3/2, closed, monostable 3/2, open, monostable 5/2, bistable 5/2, monostable 5/3, pressurized 5/3, exhausted 5/3, closed |
| Structural design | Piston gate valve Plate seat |
| Sealing principle | Soft |
| Valve size | 21 mm |
| Standard nominal flow rate | 600 l/min...700 l/min |
| Exhaust air function | With flow control option |
| Pneumatic working port | G1/8 1/8 NPT QS-4 QS-6 QS-8 QS-5/32 QS-1/4 QS-5/16 |