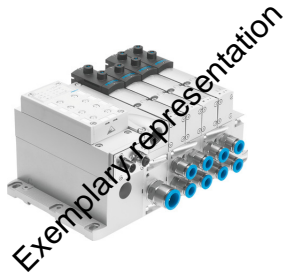


Valve manifold VTSA-ASI

Part number: 555564

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|---------------------------------|--|
| Valve function | 5/3, pressurized 2x3/2, closed, monostable 5/2, monostable 5/2, bistable 5/2, monostable, safety function 5/3, exhausted 5/3, closed 5/3, connection 2 pressurized, 4 exhausted 2x3/2, open/closed, monostable 2x3/2, open, monostable 2x2/2 closed, monostable 5/2, bistable, dominant |
| KC characters | KC EMC |
| Valve size | 52 mm 65 mm 42 mm 26 mm 18 mm |
| Max. standard nominal flow rate | 1100 l/min at 26 mm 2900 l/min at 52 mm 4000 l/min at 65 mm 550 l/min at 18 mm 1300 l/min at 42 mm |
| Pneumatic working port | G1/2 G1/4 G1/8 QS-10 QS-8 QS-16 QS-12 G1 G3/8 QS-6 |
| Operating pressure | -0.9 bar ... 10 bar |
| Electrical actuation | Fieldbus |
| Electrical I/O system | yes |
| Ambient temperature | -5 °C ... 50 °C |
| Degree of protection | IP65 |
| Certification | c UL us - Recognized (OL) BIA C-Tick |
| Type code | VTSA |
| Exhaust air function | Via throttle plate |

| Feature | Value |
|--|--|
| Actuation type | Electrical |
| Valve terminal type | 44 |
| Design | Piston gate valve |
| Pilot air supply port | External Internal |
| Valve manifold design | Modular, pneumatic valve sizes can be mixed |
| Signal status display | LED |
| Pilot pressure | 3 bar ... 10 bar |
| Suitability for vacuum | yes |
| Nominal operating voltage DC | 24 V |
| Permissible voltage fluctuations | +/- 10 % |
| ATEX category gas | II 3G |
| Type of ignition protection for gas | Ex nA IIC T3 X Gc |
| Explosive ambient temperature | -5°C <= Ta <= +50°C |
| Explosion prevention and protection | Zone 2 (ATEX) |
| 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 explosion protection directive (ATEX) As per EU EMC directive |
| Corrosion resistance class (CRC) | 0 - No corrosion stress |
| Storage temperature | -20 °C ... 60 °C |
| Relative air humidity | 0 - 90 % |
| Note on materials | RoHS-compliant |