

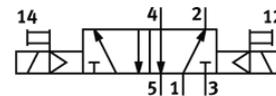
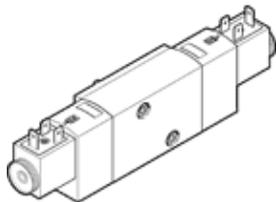
solenoid valve

VSNC-FT-B52-D-G14-FN-1A1

Part number: 577298

FESTO

NAMUR valve 1/4", bistable, FN armature system, poppet valve, with coil.



Data sheet

| Feature | Value |
|-----------------------------------------|-----------------------------------------------------------------------------|
| Valve function | 5/2 bistable |
| Type of actuation | electrical |
| Width | 32 mm |
| Standard nominal flow rate | 1,000 l/min |
| Operating pressure MPa | 0.15 ... 0.8 MPa |
| Operating pressure | 1.5 ... 8 bar |
| Design structure | Poppet seat |
| Certificate issuing department | DNVGL-TAA000011J |
| Protection class | IP65 IP67 with plug socket to IEC 60529 |
| Exhaust-air function | throttleable |
| Sealing principle | soft |
| Assembly position | Any |
| Conforms to standard | VDI/VDE 3845 (NAMUR) |
| Manual override | detenting Pushing |
| Type of piloting | Piloted |
| Pilot air supply | Internal |
| Flow direction | non reversible |
| Overlap | Underlap |
| Signal status display | with accessories |
| b value | 0.24 |
| C value | 4.6 l/sbar |
| Switching time reversal | 16 ms |
| Duty cycle | 100 % |
| Characteristic coil data | 24 V DC: 0.7 W |
| Permissible voltage fluctuation | +/- 10 % |
| Operating 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) |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B2-L |
| Medium temperature | -20 ... 60 °C |
| Ambient temperature | -20 ... 60 °C |
| Product weight | 635 g |
| Electrical connection | Plug pattern type A to EN 175301-803 to EN 175301-803 |
| Mounting type | with through hole |
| Scavenging orifice connection | Non-ducted |
| Pneumatic connection, port 1 | G1/4 |
| Pneumatic connection, port 2 | NAMUR port pattern |
| Pneumatic connection, port 3 | G1/4 |

| Feature | Value |
|------------------------------|-------------------------|
| Pneumatic connection, port 4 | NAMUR port pattern |
| Pneumatic connection, port 5 | G1/4 |
| Materials note | Conforms to RoHS |
| Material seals | NBR |
| Material housing | Wrought Aluminium alloy |
| Material screws | Galvanised steel |