

solenoid valve

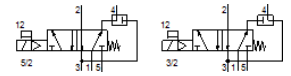
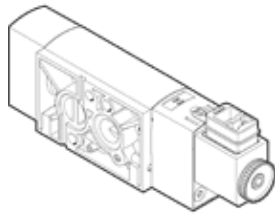
VSNC-FC-M52-MD-G14-F8-1B2

Part number: 577295

★ Core product range

NAMUR valve 1/4", monostable, F8 armature system, with coil.

FESTO



Data sheet

| Feature | Value |
|--|---|
| Valve function | 5/2 or 3/2, convertible |
| Type of actuation | electrical |
| Width | 32 mm |
| Standard nominal flow rate | 1,250 l/min |
| Operating pressure | 2.5 ... 10 bar |
| Design structure | Piston slide |
| Type of reset | mechanical spring |
| Protection class | IP65 IP67 with plug socket to IEC 60529 |
| Authorisation | c UL us - Recognized (OL) |
| 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 | Positive overlap |
| Signal status display | with accessories |
| b value | 0.4 |
| C value | 5.2 l/sbar |
| Standard nominal flow rate, exhaust air return 4→3 | 110 l/min |
| Switching time off | 48 ms |
| Switching time on | 11 ms |
| Duty cycle | 100 % |
| Characteristic coil data | 24 V DC: 3.3 W |
| Permissible voltage fluctuation | +/- 10 % |
| Certificate issuing department | DNVGL-TAA000011J |
| 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 |
| Medium temperature | -20 ... 60 °C |
| Ambient temperature | -20 ... 60 °C |
| Product weight | 380 g |
| Electrical connection | Plug To industry standard (11 mm) Plug pattern type B to EN 175301-803 3-pin |
| Mounting type | with through hole |

| Feature | Value |
|-------------------------------|---------------------------------|
| Scavenging orifice connection | Non-ducted |
| Pneumatic connection, port 1 | G1/4 |
| Pneumatic connection, port 2 | NAMUR port pattern |
| Pneumatic connection, port 3 | G1/4 |
| 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 | High alloy steel, non-corrosive |