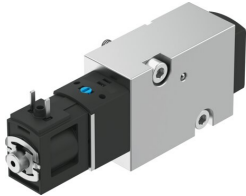


Solenoid valve VSNC-FK-M52-RD-G18-1C1-S

Part number: 8128472

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|--|--|
| Valve function | 5/2, monostable |
| Actuation type | Electrical |
| Width | 25.5 mm |
| Normal nominal flow rate (normalized to DIN 1343) | 400 l/min |
| Pneumatic working port | NAMUR connection diagram |
| Operating voltage | 24V DC |
| Operating pressure | 0.25 MPa ... 0.8 MPa |
| Operating pressure | 2.5 bar ... 8 bar |
| Structural design | Piston slide with sealing ring |
| Reset method | Mechanical spring Pneumatic spring |
| Degree of protection | IP65 |
| Exhaust air function | With flow control option |
| Sealing principle | Soft |
| Mounting position | Any |
| Conforms to standard | VDI/VDE 3845 (NAMUR) |
| Manual override | Detenting |
| Type of control | Pilot-controlled |
| Pilot air supply port | Internal |
| Flow direction | Non-reversible |
| Symbol | 00997387 |
| Lap | Overlap |
| b-value | 0.3 |
| C value | 2.1 l/sbar |
| Standard nominal flow rate, exhaust air return 4→3 | 100 l/min |
| Switching time off | ≤50 ms |
| On switching time | ≤50 ms |
| Duty cycle | 100% |
| Coil characteristics | 24 V DC: 2.4 W |
| 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) |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Storage temperature | -20 °C ... 60 °C |
| Temperature of medium | -20 °C ... 50 °C |
| Ambient temperature | -20 °C ... 50 °C |

| Feature | Value |
|--------------------------|----------------------------|
| Product weight | 220 g |
| Electrical connection | Form C |
| Type of mounting | With through-hole |
| Venting hole connection | Not ducted |
| Pneumatic connection 1 | G1/8 |
| Pneumatic connection 2 | NAMUR connection diagram |
| Pneumatic connection 3 | G1/8 |
| Pneumatic connection 4 | NAMUR connection diagram |
| Pneumatic connection 5 | G1/8 |
| Note on materials | RoHS-compliant |
| Cover material | PA-reinforced |
| Seals material | NBR |
| Housing material | Wrought aluminum alloy |
| Manual override material | PA-reinforced |
| Material of piston | Wrought aluminum alloy |
| Material of screws | High-alloy stainless steel |