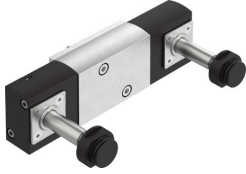


# Solenoid valve VSNC-FT-B52-G14-F19A

Part number: 8116387

**FESTO**



## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | 5/2 double solenoid  |
| Type of actuation                                     | Electric   |
| Construction width                                    | 32 mm  |
| Standard nominal flow rate (standardised to DIN 1343) | 1000 l/min   |
| pneumatic working port                                | NAMUR port pattern   |
| Operating voltage                                     | Via solenoid coil, must be ordered separately  |
| Operating pressure                                    | 0.15 MPa...0.8 MPa<br>1.5 bar...8 bar  |
| Design  | Poppet seat  |
| Exhaust-air function                                  | With flow control option   |
| Sealing principle                                     | Soft   |
| Mounting position                                     | optional   |
| Conforms to standard                                  | VDI/VDE 3845 (NAMUR)   |
| Manual override                                       | None   |
| Type of piloting                                      | Pilot actuated   |
| Pilot air supply                                      | Internal   |
| Flow direction  | Non-reversible   |
| lap   | Underlap   |
| Switching time reversal                               | 435 ms   |
| Duty cycle  | 100%   |
| Characteristic coil data                              | See solenoid coil, to be ordered separately  |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Note on operating and pilot medium                    | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC                        | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                                | VDMA24364-B2-L   |
| Media temperature                                     | -20 °C...60 °C   |
| Ambient temperature                                   | -20 °C...60 °C   |
| Product weight  | 613 g  |
| Type of mounting                                      | With through-hole  |
| Breather connection                                   | Not ducted   |
| Pneumatic connection, port 1                          | G1/4   |

| Feature                      | Value                   |
|------------------------------|-------------------------|
| 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                    |
| Note on materials            | RoHS-compliant          |
| Material seals               | NBR                     |
| Material housing             | Wrought aluminium alloy |
| Material screws              | Galvanised steel        |