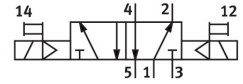
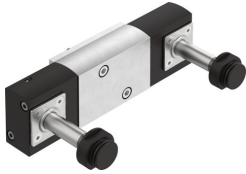


# Solenoid valve VSNC-FT-B52-N14-F19

Part number: 8116386

**FESTO**



 General operating condition

## Data sheet

| Feature                                               | Value                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Valve function                                        | 5/2 bistable                                                                               |
| 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                                                                       |
| Operating pressure                                    | 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                                                                             |
| Symbol                                                | 00991005                                                                                   |
| lap                                                   | Underlap                                                                                   |
| Switching time reversal                               | 20 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                          | 1/4 NPT                                                                                    |
| Pneumatic connection, port 2                          | NAMUR port pattern                                                                         |
| Pneumatic connection, port 3                          | 1/4 NPT                                                                                    |
| Pneumatic connection, port 4                          | NAMUR port pattern                                                                         |

| Feature                      | Value                   |
|------------------------------|-------------------------|
| Pneumatic connection, port 5 | 1/4 NPT                 |
| Note on materials            | RoHS-compliant          |
| Material seals               | NBR                     |
| Material housing             | Wrought aluminium alloy |
| Material screws              | Galvanised steel        |