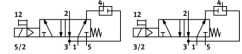
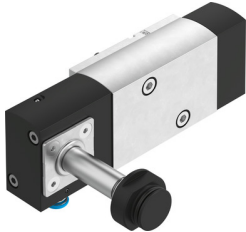


# Air Solenoid valve VSNC-FTC-M52-MH-N14-F19A

FESTO

Part number: 8116377



[PDF](#) General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Valve function                                      | 5/2 or 3/2 switchable  |
| Actuation type                                      | Electrical   |
| Width   | 32 mm  |
| Standard nominal flow rate                          | 800 l/min  |
| Pneumatic working port                              | NAMUR connection diagram   |
| Operating voltage                                   | Via solenoid coil, to be ordered separately  |
| Operating pressure                                  | 0.25 MPa ... 0.8 MPa   |
| Operating pressure                                  | 2.5 bar ... 8 bar  |
| Structural design                                   | Plate seat   |
| Reset method  | Mechanical spring  |
| Exhaust air function                                | With flow control option   |
| Sealing principle                                   | Soft   |
| Mounting position                                   | Any  |
| Conforms to standard                                | VDI/VDE 3845 (NAMUR)   |
| Manual override                                     | Non-detenting  |
| Type of control                                     | Pilot-controlled   |
| Pilot air supply port                               | Internal   |
| Flow direction                                      | Non-reversible   |
| Symbol  | 00991831   |
| Lap   | Underlap   |
| Standard nominal flow rate, exhaust air return 4->3 | 110 l/min  |
| Switching time off                                  | 380 ms   |
| On switching time                                   | 435 ms   |
| Duty cycle  | 100%   |
| Coil characteristics                                | See solenoid coil, to be ordered separately  |
| Explosion prevention and protection                 | Observe the information on the certificate<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| 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)                    | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                              | VDMA24364-B2-L   |
| Temperature of medium                               | -20 °C ... 60 °C   |
| Ambient temperature                                 | -20 °C ... 60 °C   |
| Product weight                                      | 480 g  |

| <b>Feature</b>          | <b>Value</b>             |
|-------------------------|--------------------------|
| Type of mounting        | With through-hole        |
| Venting hole connection | Not ducted               |
| Pneumatic connection 1  | 1/4 NPT                  |
| Pneumatic connection 2  | NAMUR connection diagram |
| Pneumatic connection 3  | 1/4 NPT                  |
| Pneumatic connection 4  | NAMUR connection diagram |
| Pneumatic connection 5  | 1/4 NPT                  |
| Note on materials       | RoHS-compliant           |
| Seals material          | NBR                      |
| Housing material        | Wrought aluminum alloy   |
| Material of screws      | Steel, galvanized        |