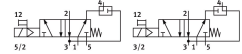
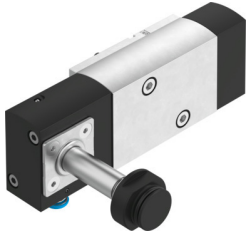


# Air Solenoid valve VSNC-FTC-M52-MH-N14-F19

Part number: 8116375

**FESTO**



## Data sheet

| Feature                                             | Value                                                              |
|-----------------------------------------------------|--------------------------------------------------------------------|
| Valve function                                      | 5/2- or 3/2-way, switchable                                        |
| Actuation type                                      | Electrical                                                         |
| Width                                               | 32 mm                                                              |
| Normal nominal flow rate (normalized to DIN 1343)   | 800 l/min                                                          |
| Pneumatic working port                              | NAMUR connection pattern                                           |
| Operating voltage                                   | Via solenoid coil, to be ordered separately                        |
| Operating pressure                                  | 0.25 MPa...0.8 MPa<br>2.5 bar...8 bar                              |
| Structural design                                   | Plate seat                                                         |
| Reset method                                        | Mechanical spring                                                  |
| Exhaust air function                                | Adjustable                                                         |
| Sealing principle                                   | Soft                                                               |
| Mounting position                                   | Any                                                                |
| Conforms to standard                                | VDI/VDE 3845 (NAMUR)                                               |
| Manual override                                     | Non-detenting                                                      |
| Type of control                                     | Piloted                                                            |
| Pilot air supply port                               | Internal                                                           |
| Flow direction                                      | Non-reversible                                                     |
| Lap                                                 | Negative overlap                                                   |
| Standard nominal flow rate, exhaust air return 4->3 | 110 l/min                                                          |
| Switching time off                                  | 65 ms                                                              |
| On switching time                                   | 25 ms                                                              |
| Duty cycle                                          | 100%                                                               |
| Coil characteristics                                | See solenoid coil, to be ordered separately                        |
| 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                                                              |
| Type of mounting                                    | With through-hole                                                  |

| Feature                 | Value                    |
|-------------------------|--------------------------|
| Venting hole connection | Not ducted               |
| Pneumatic connection 1  | 1/4 NPT                  |
| Pneumatic connection 2  | NAMUR connection pattern |
| Pneumatic connection 3  | 1/4 NPT                  |
| Pneumatic connection 4  | NAMUR connection pattern |
| Pneumatic connection 5  | 1/4 NPT                  |
| Note on materials       | RoHS compliant           |
| Seals material          | NBR                      |
| Housing material        | Wrought aluminum alloy   |
| Material of screws      | Galvanized steel         |