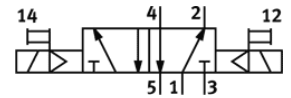
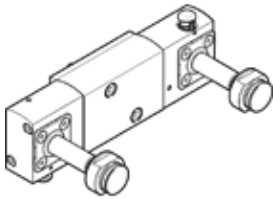


# solenoid valve

## VSNC-FT-B52-H-N14-F19

Part number: 8116382

FESTO



## Data sheet

| Feature                                 | Value                                                                       |
|-----------------------------------------|-----------------------------------------------------------------------------|
| Valve function                          | 5/2 bistable                                                                |
| Type of actuation                       | electrical                                                                  |
| Width                                   | 32 mm                                                                       |
| Standard nominal flow rate              | 1,000 l/min                                                                 |
| Operating pressure MPa                  | 0.15 ... 0.8 MPa                                                            |
| Operating pressure                      | 1.5 ... 8 bar                                                               |
| Design structure                        | Poppet seat                                                                 |
| Exhaust-air function                    | throttleable                                                                |
| Sealing principle                       | soft                                                                        |
| Assembly position                       | Any                                                                         |
| Conforms to standard                    | VDI/VDE 3845 (NAMUR)                                                        |
| Manual override                         | Pushing                                                                     |
| Type of piloting                        | Piloted                                                                     |
| Pilot air supply                        | Internal                                                                    |
| Flow direction                          | non reversible                                                              |
| Overlap                                 | Underlap                                                                    |
| Switching time reversal                 | 20 ms                                                                       |
| Duty cycle                              | 100 %                                                                       |
| Characteristic coil data                | See solenoid coil, to be ordered separately                                 |
| Operating medium                        | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                    |
| Note on operating and pilot medium      | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress                                               |
| PWIS conformity                         | VDMA24364-B2-L                                                              |
| Medium temperature                      | -20 ... 60 °C                                                               |
| Ambient temperature                     | -20 ... 60 °C                                                               |
| Product weight                          | 613 g                                                                       |
| Mounting type                           | with through hole                                                           |
| Scavenging orifice connection           | Non-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                                                          |
| Pneumatic connection, port 5            | 1/4 NPT                                                                     |
| Materials note                          | Conforms to RoHS                                                            |
| Material seals                          | NBR                                                                         |
| Material housing                        | Wrought Aluminium alloy                                                     |
| Material screws                         | Galvanised steel                                                            |