

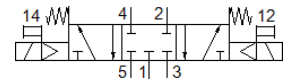
# solenoid valve

## VSNC-F-P53C-MD-G14-F8

Part number: 577259

FESTO

NAMUR valve 1/4", mid-position closed, F8 armature system.



## Data sheet

| Feature                                 | Value   |
|---|---|
| Valve function                          | 5/3 closed  |
| Type of actuation                       | electrical  |
| Width                                   | 32 mm   |
| Standard nominal flow rate              | 1,250 l/min   |
| Operating pressure                      | 3 ... 10 bar  |
| Design structure                        | Piston slide  |
| Type of reset                           | mechanical spring   |
| Authorisation                           | c UL us - Recognized (OL)   |
| Certificate issuing department          | DNVGL-TAA000011J  |
| Exhaust-air function                    | throttleable  |
| Sealing principle                       | soft  |
| Assembly position                       | Any   |
| Conforms to standard                    | VDI/VDE 3845 (NAMUR)  |
| Manual override                         | detenting<br>Pushing  |
| Type of piloting                        | Piloted   |
| Pilot air supply                        | Internal  |
| Flow direction                          | non reversible  |
| Overlap                                 | Positive overlap  |
| Signal status display                   | with accessories  |
| b value                                 | 0.4   |
| C value                                 | 5.2 l/sbar  |
| Switching time off                      | 52 ms   |
| Switching time on                       | 13 ms   |
| Switching time reversal                 | 26 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   |
| Medium temperature                      | -20 ... 60 °C   |
| Ambient temperature                     | -20 ... 60 °C   |
| Product weight                          | 345 g   |
| Mounting type                           | with through hole   |
| Scavenging orifice connection           | Non-ducted  |
| Pneumatic connection, port 1            | G1/4  |
| 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  |
| Materials note                          | Conforms to RoHS  |
| Material seals                          | NBR   |
| Material housing                        | Wrought Aluminium alloy   |
| Material screws                         | High alloy steel, non-corrosive   |