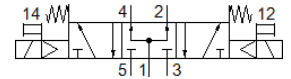
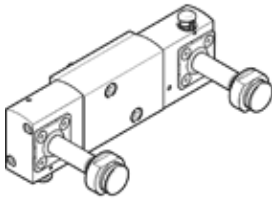


solenoid valve

VSNC-F-P53U-MH-N14-F19A

Part number: 8116395

FESTO



Data sheet

| Feature | Value |
|---|---|
| Valve function | 5/3 pressurised |
| Type of actuation | electrical |
| Width | 32 mm |
| Standard nominal flow rate | 950 l/min |
| Operating pressure MPa | 0.3 ... 0.8 MPa |
| Operating pressure | 3 ... 8 bar |
| Design structure | Piston slide |
| Type of reset | mechanical spring |
| 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 | Positive overlap |
| b value | 0.5 |
| C value | 2.1 l/sbar |
| Switching time off | 390 ms |
| Switching time on | 440 ms |
| Switching time reversal | 435 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 | 619 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 |