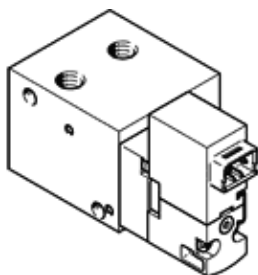


Solenoid valve

VOVG-S12-M52Q-AH-M5-1H2

Part number: 560707

FESTO



Data sheet

| Feature | Value |
|---|---|
| Valve function | 5/2 monostable |
| Type of actuation | electrical |
| Width | 25 mm |
| Standard nominal flow rate | 180 l/min |
| Operating pressure MPa | 0.2 ... 0.8 MPa |
| Working pressure | 2 ... 8 bar |
| Operating pressure | 29 ... 116 psi |
| Design structure | Piston slide |
| Type of reset | Air spring |
| Protection class | IP40 |
| Nominal size | 2.1 mm |
| Exhaust-air function | throttleable |
| Sealing principle | soft |
| Assembly position | Any |
| Manual override | Pushing |
| Type of piloting | Piloted |
| Flow direction | non reversible |
| Lap | Positive overlap |
| Switching time off | 18 ms |
| Switching time on | 15 ms |
| Characteristic coil data | 24 V DC: 1 W |
| 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 | 0 - No corrosion stress |
| PWIS conformity | VDMA24364-B2-L |
| Medium temperature | -5 ... 50 °C |
| Pilot medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Ambient temperature | -5 ... 50 °C |
| Electrical connection | 2-pin Plug |
| Pneumatic connection, port 1 | Subbase |
| Pneumatic connection, port 2 | M5 |
| Pneumatic connection, port 3 | Subbase |
| Materials note | Conforms to RoHS |
| Material seals | FPM HNBR NBR |
| Material housing | Wrought Aluminum alloy |