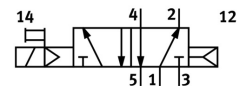
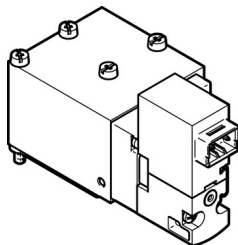


# Solenoid valve

## VOVG-B12-M52Q-AH-F-1H2

Part number: 560713

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                            | Value                                                                                      |
|------------------------------------|--------------------------------------------------------------------------------------------|
| Valve function                     | 5/2-way, monostable                                                                        |
| Type of actuation                  | Electric                                                                                   |
| Construction width                 | 25 mm                                                                                      |
| Standard nominal flow rate         | 180 l/min                                                                                  |
| pneumatic working port             | Sub-base                                                                                   |
| Operating voltage                  | 24V DC                                                                                     |
| Operating pressure                 | 0.2 MPa ... 0.8 MPa                                                                        |
| Operating pressure                 | 2 bar ... 8 bar                                                                            |
| Operating pressure                 | 29 psi ... 116 psi                                                                         |
| Design                             | Piston gate valve                                                                          |
| Type of reset                      | Pneumatic spring                                                                           |
| Degree of protection               | IP40                                                                                       |
| Nominal size                       | 2.1 mm                                                                                     |
| Exhaust-air function               | With flow control option                                                                   |
| Sealing principle                  | Soft                                                                                       |
| Mounting position                  | optional                                                                                   |
| Manual override                    | Non-detenting                                                                              |
| Type of piloting                   | Pilot actuated                                                                             |
| Flow direction                     | Non-reversible                                                                             |
| Symbol                             | 00991049                                                                                   |
| lap                                | Overlap                                                                                    |
| Switching time off                 | 18 ms                                                                                      |
| Switching time on                  | 15 ms                                                                                      |
| Characteristic coil data           | 24 V DC: 1.0 W                                                                             |
| Operating medium                   | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC     | 0 - No corrosion stress                                                                    |
| LABS (PWIS) conformity             | VDMA24364-B2-L                                                                             |
| Media temperature                  | -5 °C ... 50 °C                                                                            |
| Pilot medium                       | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |
| Ambient temperature                | -5 °C ... 50 °C                                                                            |
| Electrical connection              | 2-pin<br>Plugs                                                                             |
| Pneumatic connection, port 1       | Sub-base                                                                                   |
| Pneumatic connection, port 2       | Sub-base                                                                                   |

| Feature                      | Value                   |
|------------------------------|-------------------------|
| Pneumatic connection, port 3 | Sub-base                |
| Note on materials            | RoHS-compliant          |
| Material seals               | FPM<br>HNBR<br>NBR      |
| Material housing             | Wrought aluminium alloy |