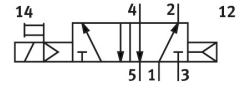
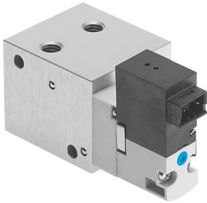


# Solenoid valve VOVG-L12-M52Q-AH-M5-1H2

Part number: 560701

**FESTO**



[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 (standardised to DIN 1343) | 200 l/min  |
| pneumatic working port                                | M5   |
| 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                          | M7   |
| Pneumatic connection, port 2                          | M5   |

| Feature                      | Value                   |
|------------------------------|-------------------------|
| Pneumatic connection, port 3 | M5                      |
| Note on materials            | RoHS-compliant          |
| Material seals               | FPM<br>HNBR<br>NBR      |
| Material housing             | Wrought aluminium alloy |