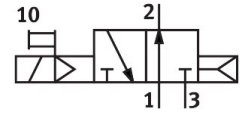
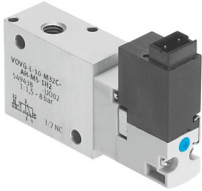


# Air solenoid valve VOVG-S12-M32U-AH-M5-1H3

Part number: 560706

**FESTO**



## Data sheet

| Feature                                           | Value                                                              |
|---------------------------------------------------|--------------------------------------------------------------------|
| Valve function                                    | 3/2-way, monostable, open                                          |
| Actuation type                                    | Electrical                                                         |
| Width                                             | 12 mm                                                              |
| Normal nominal flow rate (normalized to DIN 1343) | 180 l/min                                                          |
| Pneumatic working port                            | Sub-base                                                           |
| Operating voltage                                 | 24V DC                                                             |
| Operating pressure                                | 0.2 MPa...0.8 MPa<br>2 bar...8 bar<br>29 psi...116 psi             |
| Structural design                                 | Piston gate valve                                                  |
| Reset method                                      | Pneumatic spring                                                   |
| Degree of protection                              | IP40                                                               |
| Nominal width                                     | 2.1 mm                                                             |
| Exhaust air function                              | Adjustable                                                         |
| Sealing principle                                 | Soft                                                               |
| Mounting position                                 | Any                                                                |
| Manual override                                   | Non-detenting                                                      |
| Type of control                                   | Piloted                                                            |
| Flow direction                                    | Non-reversible                                                     |
| Lap                                               | Positive overlap                                                   |
| Switching time off                                | 10 ms                                                              |
| On switching time                                 | 12 ms                                                              |
| Coil characteristics                              | 24 V DC: 1.0 W                                                     |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [7:4:4]                      |
| Information on operating and pilot media          | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)                  | 0 - No corrosion stress                                            |
| LABS (PWIS) conformity                            | VDMA24364-B2-L                                                     |
| Temperature of medium                             | -5 °C...50 °C                                                      |
| Pilot medium                                      | Compressed air as per ISO 8573-1:2010 [7:4:4]                      |
| Ambient temperature                               | -5 °C...50 °C                                                      |
| Electrical connection                             | 2-pin<br>Plug                                                      |

| Feature                | Value                  |
|------------------------|------------------------|
| Pneumatic connection 1 | Sub-base               |
| Pneumatic connection 2 | M5                     |
| Pneumatic connection 3 | Sub-base               |
| Note on materials      | RoHS compliant         |
| Seals material         | FPM<br>HNBR<br>NBR     |
| Housing material       | Wrought aluminum alloy |