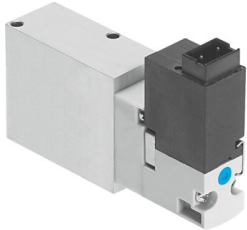


# Air solenoid valve VOVG-B12-M32C-AH-F-1H3

Part number: 560710

FESTO



[PDF General operating condition](#)

## Data sheet

| Feature   | Value  |
|---|--|
| Valve function                                    | 3/2-way, closed, monostable  |
| 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  |
| Operating pressure                                | 2 bar ... 8 bar  |
| Operating pressure                                | 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   |
| Symbol  | 00991183   |
| 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                             | Plug   |
| Pneumatic connection 1                            | Sub-base   |
| Pneumatic connection 2                            | Sub-base   |
| Pneumatic connection 3                            | Sub-base   |
| Note on materials                                 | RoHS compliant   |

| Feature          | Value                  |
|------------------|------------------------|
| Seals material   | FPM<br>HNBR<br>NBR     |
| Housing material | Wrought aluminum alloy |