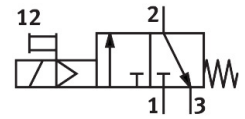


# On/off valve MS9-EE-G-V24-S-VS

Part number: 562940

FESTO



 General operating condition

## Data sheet

| Feature                                               | Value                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Series                                                | MS                                                                                         |
| Size                                                  | 9                                                                                          |
| Grid dimension                                        | 90 mm                                                                                      |
| Design                                                | Piston gate valve                                                                          |
| Type of actuation                                     | Electric                                                                                   |
| Sealing principle                                     | Soft                                                                                       |
| Exhaust-air function                                  | Without flow control option                                                                |
| Manual override                                       | Detenting<br>Non-detenting                                                                 |
| Type of reset                                         | Mechanical spring                                                                          |
| Type of piloting                                      | Pilot actuated                                                                             |
| Symbol                                                | 00991008                                                                                   |
| Valve function                                        | 3/2-way, closed, monostable                                                                |
| Operating pressure                                    | 3.5 bar ... 16 bar                                                                         |
| lap                                                   | Overlap                                                                                    |
| Standard nominal flow rate (standardised to DIN 1343) | 18000 l/min                                                                                |
| Standard nominal flow rate 2-3                        | 14100 l/min                                                                                |
| Duty cycle                                            | 100%                                                                                       |
| Characteristic coil data                              | 24 V DC: 4.5 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                        | 2 - Moderate corrosion stress                                                              |
| Note on materials                                     | RoHS-compliant                                                                             |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L                                                                          |
| Media temperature                                     | -10 °C ... 60 °C                                                                           |
| Sound pressure level                                  | 93 dB(A)                                                                                   |
| Degree of protection                                  | IP65                                                                                       |
| Ambient temperature                                   | -10 °C ... 60 °C                                                                           |
| Type of mounting                                      | Either:<br>In-line installation<br>With accessories                                        |
| Mounting position                                     | optional                                                                                   |
| Product weight                                        | 2300 g                                                                                     |
| Pneumatic connection, port 3                          | G1                                                                                         |

| Feature               | Value                                                    |
|-----------------------|----------------------------------------------------------|
| Electrical connection | Type A<br>Plugs<br>To DIN EN 175301-803<br>Square design |
| Material piston slide | POM                                                      |
| Material seals        | NBR                                                      |
| Material housing      | Die-cast aluminium                                       |