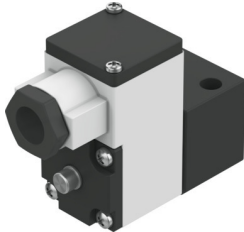


**Pilot valve**  
**MGXIAH-3/2-0.8-24DC-KS**  
Part number: 8118341

**FESTO**



## Data sheet

| Feature                                     | Value                                                                                              |
|---------------------------------------------|----------------------------------------------------------------------------------------------------|
| Valve function                              | 3/2-way, closed, monostable                                                                        |
| Type of actuation                           | Electric                                                                                           |
| Operating pressure                          | -0.09 MPa...0.8 MPa<br>-0.9 bar...8 bar<br>-13.05 psi...116 psi                                    |
| Design                                      | On/off valve                                                                                       |
| Type of reset                               | Mechanical spring                                                                                  |
| Certificate issuing authority               | 21-GA4BO-0070X<br>21-GA4BO-0071X                                                                   |
| Explosion ignition protection type for gas  | Ex ia IIC T6...T5 Gb                                                                               |
| Explosion ignition protection type for dust | Ex ia IIIC T135°C Db                                                                               |
| Explosion ambient temperature               | -40 °C ≤ Ta ≤ 50 °C/65 °C                                                                          |
| Degree of protection                        | IP65                                                                                               |
| Manual override                             | Detenting                                                                                          |
| Flow direction                              | Non-reversible                                                                                     |
| Duty cycle                                  | 100%                                                                                               |
| Insulation material class                   | H                                                                                                  |
| Max. input power Pi                         | -55°C ~+50°C T6 = 2.98W<br>-55°C ~+65°C T5 = 1W<br>-55°C ~+65°C T5 = 2.98W<br>-55°C ~+65°C T6 = 1W |
| Max. input voltage Ui                       | 31 V                                                                                               |
| Max. input current Ii                       | 0.67 A                                                                                             |
| Characteristic coil data                    | 24 V DC: 1.5 W                                                                                     |
| Effective internal inductivity Li           | Negligibly low                                                                                     |
| Effective internal capacitance Ci           | Negligibly low                                                                                     |
| Permissible frequency fluctuations          | +/- 10%                                                                                            |
| 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                                                                      |
| LABS (PWIS) conformity                      | VDMA24364 zone III                                                                                 |
| Ambient temperature                         | -20 °C...80 °C                                                                                     |

| Feature           | Value          |
|-------------------|----------------|
| Type of mounting  | CNOMO          |
| Note on materials | RoHS-compliant |