

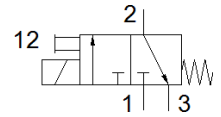
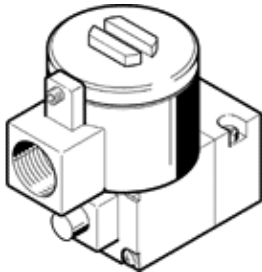
# Pilot valve

## MGXDH-3/2-1.2-230AC-EX

Part number: 535617

FESTO

with CNOMO port pattern, to ISO 15218  
This type is suitable for vacuum.



## Data sheet

| Feature   | Value  |
|---|--|
| Valve function                                    | 3/2 closed, monostable   |
| Type of actuation                                 | electrical   |
| Operating pressure MPa                            | -0.09 ... 0.8 MPa  |
| Working pressure                                  | -0.9 ... 8 bar   |
| Operating pressure                                | -13.05 ... 116 psi   |
| Design structure                                  | On/off valve   |
| Type of reset                                     | mechanical spring  |
| CE symbol (see declaration of conformity)         | according to EU-Ex protection guideline (ATEX)                                 |
| Explosion protection certification outside the EU | EPL Db (CN)<br>EPL Db (IEC-EX)<br>EPL Gb (CN)<br>EPL Gb (IEC-EX)               |
| Certificate issuing department                    | ATEX: CML 15 ATEX 1119X<br>CCC-Ex: 2020322307001701<br>IEC: IECEx CML 17.0147X |
| ATEX category Gas                                 | II 2G  |
| ATEX category Dust                                | II 2D  |
| Explosion ignition protection type Gas            | ATEX: Ex db IIC T4 Gb<br>CCC-Ex: Ex d IIC T3/T6 Gb                             |
| Explosion ignition protection type Dust           | Ex tb IIIC T135°C Db   |
| Explosion-proof ambient temperature               | ATEX: -65°C ≤ Ta ≤ +40°C<br>CCC-Ex: -20°C ≤ Ta ≤ +40°C                         |
| Protection class                                  | IP66   |
| Manual override                                   | detenting  |
| Flow direction                                    | non reversible   |
| Duty cycle  | 100 %  |
| Insulation class                                  | H  |
| Characteristic coil data                          | 230 V AC: 50/60 Hz, pick-up power 10 VA, holding power 6 VA                    |
| Permissible frequency fluctuation                 | +/- 10 %   |
| Operating medium                                  | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                       |
| Note on operating and pilot medium                | Lubricated operation possible (subsequently required for further operation)    |
| Corrosion resistance classification CRC           | 2 - Moderate corrosion stress  |
| PWIS conformity                                   | VDMA24364 zone III   |
| Ambient temperature                               | -20 ... 80 °C  |
| Mounting type                                     | CNOMO  |
| Materials note                                    | Conforms to RoHS   |