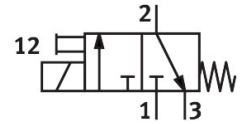
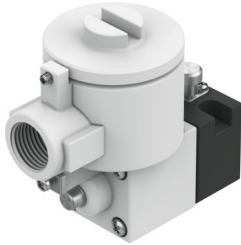


Pilot valve MGXDH-3/2-H-T-1.2-230AC-EX

Part number: 8157305

FESTO



Data sheet

| Feature | Value |
|---|--|
| Valve function | 3/2, closed, monostable |
| Actuation type | Electrical |
| Operating pressure | -0.09 MPa...0.8 MPa -0.9 bar...8 bar -13.05 psi...116 psi |
| Structural design | Shut off valve |
| Reset method | Mechanical spring |
| CE marking (see declaration of conformity) | as per EU explosion protection directive (ATEX) |
| Explosion protection certification outside the EU | EPL Db (CN) EPL Db (IEC-EX) EPL Gb (CN) EPL Gb (IEC-EX) |
| Certificate issuing authority | ATEX: CML 15 ATEX 1119X IEC: IECEx CML 17.0147X |
| ATEX category gas | II 2G |
| ATEX category for dust | II 2D |
| Type of ignition protection for gas | Ex db IIC T4 Gb |
| Type of (ignition) protection for dust | Ex tb IIIC T135°C Db |
| Explosive ambient temperature | -65°C ≤ Ta ≤ +40°C |
| Degree of protection | IP66 |
| Manual override | Non-detenting |
| Flow direction | Non-reversible |
| Duty cycle | 100% |
| Insulation class | H |
| Coil characteristics | 230 V AC: 50/60 Hz, initial power 10.0 VA, holding power 6.0 VA |
| Permissible frequency fluctuations | +/- 10% |
| Explosion prevention and protection | Zone 1 (ATEX) Zone 1 (CN) Zone 1 (IEC-EX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (CN) Zone 21 (IEC-EX) Zone 22 (ATEX) |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |

| Feature | Value |
|--|--|
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Ambient temperature | -65 °C...80 °C |
| Type of mounting | CNOMO |
| Note on materials | RoHS-compliant |