

Solenoid coil VACF-B-K1-1A-1-EX4-M

Part number: 8059808

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Mounting position | optional |
| Switching position indicator | no |
| Min. pick-up time | 10 ms |
| Duty cycle | 100% |
| Characteristic coil data | 24 V AC: 50/60 Hz, power 3.85 VA |
| Permissible frequency fluctuations | +/- 5% |
| Permissible voltage fluctuations | +/- 10 % |
| CE mark (see declaration of conformity) | To EU Explosion Protection Directive (ATEX) In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK EX instructions To UK RoHS instructions |
| Explosion protection certification outside the EU | EPL Db (BR) EPL Db (CN) EPL Db (GB) EPL Db (IEC-EX) EPL Gb (BR) EPL Gb (CN) EPL Gb (GB) EPL Gb (IECEX) |
| Explosion protection | Zone 1 (ATEX) Zone 1 (BR) Zone 1 (CN) Zone 1 (IEC-EX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (BR) Zone 21 (CN) Zone 21 (IEC-EX) Zone 21 (UKEX) Zone 22 (ATEX) |
| Certificate issuing authority | CML22UKEX5255X DNV17.0013X GYJ23.1154X IBExU 16 ATEX1146X IECEX IBE16.0024X |
| ATEX category gas | II 2G |
| ATEX category dust | II 2D |
| Explosion ignition protection type for gas | Ex mb IIC T5 Gb |
| Explosion ignition protection type for dust | Ex mb IIIC T95°C Db |
| Explosion ambient temperature | -30°C ≤ Ta ≤ +40°C |
| Corrosion resistance class CRC | 0 - No corrosion stress |

| Feature | Value |
|---------------------------------|---|
| LABS (PWIS) conformity | VDMA24364-C1-L |
| Degree of protection | IP65 |
| Ambient temperature | -30 °C ... 40 °C |
| Product weight | 170 g |
| Electrical connection | 3-wire Cable with open end |
| Cable length | 1 m |
| Nominal cross section conductor | 0.75 mm ² |
| Type of mounting | Via knurled nut |
| Note on materials | RoHS-compliant |
| Material solenoid coil | Aluminium Epoxy resin Copper Steel |
| Material winding | Copper |