

Solenoid coil VACF-B-K1-1-10-EX4-M

Part number: 8059806

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Mounting position | Any |
| Switching position indication | No |
| Min. pick-up time | 10 ms |
| Duty cycle | 100% |
| Coil characteristics | 24 V DC: 4.36 W |
| Permissible voltage fluctuations | +/- 10% |
| CE marking (see declaration of conformity) | as per EU explosion protection directive (ATEX) As per EU RoHS directive |
| UKCA marking (see declaration of conformity) | acc. 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 (IEC-EX) |
| Explosion prevention and 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 | 2020322307001099 CML22UKEX5255X DNV17.0013X GYJ23.1154X IBExU 16 ATEX1146X IECEx IBE16.0024X |
| ATEX category gas | II 2G |
| ATEX category for dust | II 2D |
| Type of ignition protection for gas | Ex mb IIC T5 Gb |
| Type of (ignition) protection for dust | Ex mb IIIC T95°C Db |
| Explosive ambient temperature | -30°C ≤ Ta ≤ +40°C |
| Corrosion resistance class (CRC) | 0 - No corrosion stress |
| LABS (PWIS) conformity | VDMA24364-C1-L |

| Feature | Value |
|---------------------------------|--------------------------------------|
| Degree of protection | IP65 |
| Ambient temperature | -30 °C ... 40 °C |
| Product weight | 170 g |
| Electrical connection | 3-wire Open-ended cable |
| Cable length | 10 m |
| Nominal conductor cross section | 0.75 mm ² |
| Type of mounting | With knurled nut |
| Note on materials | RoHS compliant |
| Solenoid coil material | Aluminum Epoxy Copper Steel |
| Material of winding | Copper |