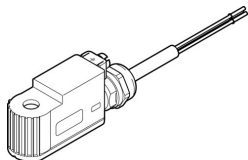


# Solenoid coil VACF-B-K1-1-10-EX4-M

Part number: 8059806

**FESTO**



## 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)<br>As per EU RoHS directive  |
| UKCA marking (see declaration of conformity)      | acc. to UK EX instructions<br>To UK RoHS instructions  |
| Explosion protection certification outside the EU | EPL Db (BR)<br>EPL Db (CN)<br>EPL Db (GB)<br>EPL Db (IEC-EX)<br>EPL Gb (BR)<br>EPL Gb (CN)<br>EPL Gb (GB)<br>EPL Gb (IEC-EX)   |
| Explosion prevention and protection               | Zone 1 (ATEX)<br>Zone 1 (BR)<br>Zone 1 (CN)<br>Zone 1 (IEC-EX)<br>Zone 1 (UKEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 21 (BR)<br>Zone 21 (CN)<br>Zone 21 (IEC-EX)<br>Zone 21 (UKEX)<br>Zone 22 (ATEX) |
| Certificate issuing authority                     | CML22UKEX5255X<br>DNV17.0013X<br>GYJ23.1154X<br>IBExU 16 ATEX1146X<br>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  |

| Feature                                | Value                                      |
|--|--|
| 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                             |
| Degree of protection                   | IP65                                       |
| Ambient temperature                    | -30 °C...40 °C                             |
| Product weight                         | 170 g                                      |
| Electrical connection                  | 3-wire<br>Cable with open end              |
| Cable length                           | 10 m                                       |
| Nominal conductor cross section        | 0.75 mm²                                   |
| Type of mounting                       | With knurled nut                           |
| Note on materials                      | RoHS-compliant                             |
| Solenoid coil material                 | Aluminum<br>Epoxy resin<br>Copper<br>Steel |
| Material of winding                    | Copper                                     |