

# Solenoid coil VACC-S18-35-K4-1UF-EX4ME

Part number: 8109388

**FESTO**



## Data sheet

| Feature                                           | Value                                                                                                                                        |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Type of actuation                                 | Electric                                                                                                                                     |
| Mounting position                                 | optional                                                                                                                                     |
| Switching position indicator                      | no                                                                                                                                           |
| Internal fuse                                     | Fuse                                                                                                                                         |
| Duty cycle                                        | 100%                                                                                                                                         |
| Insulation material class                         | H                                                                                                                                            |
| Characteristic coil data                          | 24 V DC: 3.5 W<br>24 V AC: 50/60 Hz, power 3.5 VA                                                                                            |
| Permissible voltage fluctuations                  | -15%/+10%                                                                                                                                    |
| CE mark (see declaration of conformity)           | In accordance with EU RoHS Directive                                                                                                         |
| UKCA marking (see declaration of conformity)      | To UK EX instructions (UK-X)<br>To UK RoHS instructions (UK-R)                                                                               |
| Explosion protection certification outside the EU | EPL Db (GB)<br>EPL Db (IEC-EX)<br>EPL Gb (GB)<br>EPL Gb (IECEx)                                                                              |
| Explosion protection                              | Zone 1 (ATEX)<br>Zone 1 (IEC-EX)<br>Zone 1 (UKEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 21 (IEC-EX)<br>Zone 21 (UKEX)<br>Zone 22 (ATEX) |
| Certificate issuing authority                     | German Technical Control Board (TÜV) 21 UKEX 7017 X                                                                                          |
| ATEX category gas                                 | II 2G                                                                                                                                        |
| ATEX category dust                                | II 2D                                                                                                                                        |
| Explosion ignition protection type for gas        | Ex eb mb IIC T* Gb                                                                                                                           |
| Explosion ignition protection type for dust       | Ex tb IIIC T*°C Db                                                                                                                           |
| Explosion ambient temperature                     | T5/T95°C: -25°C ≤ Ta ≤ +60°C<br>T6/T80°C: -25°C ≤ Ta ≤ +50°C                                                                                 |
| LABS (PWIS) conformity                            | VDMA24364 zone III                                                                                                                           |
| Degree of protection                              | IP66                                                                                                                                         |
| Product weight                                    | 580 g                                                                                                                                        |
| Electrical connection                             | Terminal box, cable entry thread M20x1.5                                                                                                     |

| Feature           | Value          |
|-------------------|----------------|
| Note on materials | RoHS-compliant |