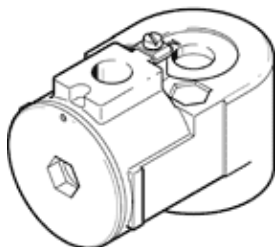


# solenoid coil VACC-S18-70-K4-1U-EX4D

Part number: 3504563

**FESTO**

for armature system F10, metric cable connector, 24 V DC and AC, flameproof enclosure.



## Data sheet

| Feature                                           | Value                                                                                                                                                      |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of actuation                                 | electrical                                                                                                                                                 |
| Assembly position                                 | Any                                                                                                                                                        |
| Switching position indicator                      | No                                                                                                                                                         |
| Duty cycle                                        | 100 %                                                                                                                                                      |
| Insulation class                                  | H                                                                                                                                                          |
| Characteristic coil data                          | 24 V AC: 40/65 Hz, power 7 VA<br>24 V DC: 7 W                                                                                                              |
| Permissible voltage fluctuation                   | -15 % / +10 %                                                                                                                                              |
| CE mark (see declaration of conformity)           | to EU directive explosion protection (ATEX)                                                                                                                |
| Explosion protection certification outside the EU | EPL Db (BR)<br>EPL Db (CN)<br>EPL Db (IEC-EX)<br>EPL Db (IN)<br>EPL Db (KR)<br>EPL Gb (BR)<br>EPL Gb (CN)<br>EPL Gb (IEC-EX)<br>EPL Gb (IN)<br>EPL Gb (KR) |
| Certificate issuing department                    | BVS15ATEXE135<br>IECExBVS.15.0116<br>INMETRO DNV 17.0040X<br>KGS 16-GA4BO-0896X<br>KGS 16-GA4BO-0897X<br>NEPSI GYJ17.1236X<br>PESO P396315                 |
| ATEX category Gas                                 | II 2G                                                                                                                                                      |
| ATEX category Dust                                | II 2D                                                                                                                                                      |
| Explosion ignition protection type Gas            | Ex db IIC T6, T5, T4 Gb                                                                                                                                    |
| Explosion ignition protection type Dust           | ExtbIIICT85°C, T95°C, T130°C Db                                                                                                                            |
| Explosion-proof ambient temperature               | T4, T130°C: -50°C ≤ Ta ≤ +90°C<br>T5, T95°C: -50°C ≤ Ta ≤ +55°C<br>T6, T80°C: -50°C ≤ Ta ≤ +40°C                                                           |
| Corrosion resistance classification CRC           | 4 - Very high corrosion stress                                                                                                                             |
| Protection class                                  | IP65                                                                                                                                                       |
| Product weight                                    | 1,700 g                                                                                                                                                    |
| Electrical connection                             | Terminal box, cable entry thread M20x1.5                                                                                                                   |
| Materials note                                    | Contains PWIS substances<br>Conforms to RoHS                                                                                                               |
| Material solenoid coil                            | Wrought Aluminium alloy<br>Grey iron                                                                                                                       |