

# Solenoid coil

## VACC-S18-25-K4-1U-EX4D

Part number: 562903

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 DC: 2.5 W<br>24 V AC: 50/60 Hz, power: 2.5 VA   |
| Permissible voltage fluctuation                   | -15 % / +10 %  |
| CE symbol (see declaration of conformity)         | according to EU-Ex protection guideline (ATEX)<br>in accordance with EU RoHS directive           |
| Explosion protection certification outside the EU | EPL Db (IEC-EX)<br>EPL Gb (IEC-EX)   |
| Certificate issuing department                    | BVS15ATEXE135<br>IECEXBVS.15.0116  |
| 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   |
| PWIS conformity                                   | VDMA24364 zone III   |
| Protection class                                  | IP65   |
| Product weight                                    | 1,700 g  |
| Electrical connection                             | Terminal box, cable entry thread M20x1.5   |
| Materials note                                    | Conforms to RoHS   |
| Material solenoid coil                            | Wrought Aluminum alloy<br>Grey iron  |