

# Solenoid coil VACC-S18-25-K5-2U-EX4D

Part number: 562901

FESTO



## Data sheet

| Feature   | Value  |
|---|--|
| Type code   | VACC   |
| Actuation type                                    | Electrical   |
| Mounting position                                 | Any  |
| Switching position indication                     | no   |
| Duty cycle  | 100%   |
| Insulation class                                  | H  |
| Coil characteristics                              | 110 V AC: 40/65 Hz, power 2.5 VA<br>110 V DC: 2.5 W  |
| Permissible voltage fluctuations                  | -15 % / +10 %  |
| CE marking (see declaration of conformity)        | as per EU explosion protection directive (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)   |
| Explosion prevention and protection               | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX)<br>Zone 1 (BR)<br>Zone 21 (BR)<br>Zone 1 (IEC-EX)<br>Zone 21 (IEC-EX)<br>Zone 1 (KR)<br>Zone 21 (KR)<br>Zone 1 (CN)<br>Zone 21 (CN) |
| Certificate issuing authority                     | 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 for dust                            | II 2D  |
| Type of ignition protection for gas               | Ex db IIC T6, T5, T4 Gb  |
| Type of (ignition) protection for dust            | Ex tb IIIC T85°C, T95°C, T130°C Db   |

| Feature                          | Value  |
|----------------------------------|--|
| Explosive 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 class (CRC) | 4 - Particularly high corrosion stress   |
| Degree of protection             | IP65   |
| Product weight                   | 1700 g   |
| Electrical connection            | Terminal box, cable entry thread NPT1/2  |
| Note on materials                | Contains paint-wetting impairment substances<br>RoHS-compliant                                   |
| Solenoid coil material           | Wrought aluminum alloy<br>Gray cast iron   |