# Solenoid coil
# VACC-S18-25-K5-1U-EX4D

Part number: 562900

General operating condition

## Data sheet

| Feature | Value |
|---|---|
| Type of actuation | Electric |
| Mounting position | optional |
| Switching position indicator | no |
| Duty cycle | 100% |
| Insulation material class | H |
| Characteristic coil data | 24 V DC: 2.5 W<br>24 V AC: 50/60 Hz, power 2.5 VA |
| Permissible voltage fluctuations | -15%/+10% |
| CE mark (see declaration of conformity) | To EU Explosion Protection Directive (ATEX)<br>In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK EX instructions<br>To UK RoHS instructions |
| 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 | BVS15ATEXE135<br>IECExBVS.15.0116 |
| ATEX category gas | II 2G |
| ATEX category dust | II 2D |
| Explosion ignition protection type for gas | Ex db IIC T6, T5, T4 Gb |
| Explosion ignition protection type for dust | Ex tb IIIC T80°C,95°C,130°C Db |
| Explosion 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 - Very high corrosion stress |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Degree of protection | IP65 |
| Product weight | 1700 g |
| Electrical connection | Terminal box, cable entry thread NPT1/2 |
| Note on materials | RoHS-compliant |

| Feature | Value |
| --- | --- |
| Material solenoid coil | Wrought aluminium alloy<br>Grey cast iron |