

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

Part number: 562900

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Actuation type | Electrical |
| Mounting position | Any |
| Switching position indication | no |
| Duty cycle | 100% |
| Insulation class | H |
| Coil characteristics | 24 V DC: 2.5 W 24 V AC: 50/60 Hz, power 2.5 VA |
| Permissible voltage fluctuations | -15 % / +10 % |
| CE marking (see declaration of conformity) | as per EU explosion protection directive (ATEX) As per EU RoHS directive |
| UKCA marking (see declaration of conformity) | acc. to UK EX instructions To UK RoHS instructions |
| Explosion protection certification outside the EU | EPL Db (GB) EPL Db (IEC-EX) EPL Gb (GB) EPL Gb (IEC-EX) |
| Explosion prevention and protection | Zone 1 (ATEX) Zone 1 (IEC-EX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (IEC-EX) Zone 21 (UKEX) Zone 22 (ATEX) |
| Certificate issuing authority | BVS15ATEXE135 IECExBVS.15.0116 |
| 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 T80°C, 95°C, 130°C Db |
| Explosive ambient temperature | T4, T130°C: -50°C ≤ Ta ≤ +90°C T5, T95°C: -50°C ≤ Ta ≤ +55°C T6, T80°C: -50°C ≤ Ta ≤ +40°C |
| Corrosion resistance class (CRC) | 4 - Particularly 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 |
|------------------------|--|
| Solenoid coil material | Wrought aluminum alloy Gray cast iron |