

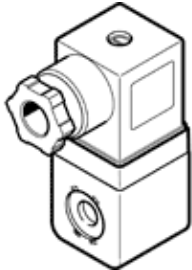
solenoid coil

VACN-N-A1-1-EX4-A

Part number: 8029139

FESTO

for armature system FN, connection pattern type A, to EN 175 301, 24 V DC, intrinsically safe.



Data sheet

| Feature | Value |
|---|---|
| Type of actuation | electrical |
| Assembly position | Any |
| Duty cycle | 100 % |
| Required current consumption | ≥ 27 mA |
| Insulation class | F |
| Enamelled wire insulation class | H |
| Max. input voltage | 28 V |
| Max. input current | 115 mA |
| effective capacity | negligibly small |
| effective inductivity | negligibly small |
| Maritime classification | see certificate |
| CE mark (see declaration of conformity) | to EU directive explosion protection (ATEX) |
| Explosion protection certification outside the EU | EPL Db (BR) EPL Db (IEC-EX) EPL Db (IN) EPL Ga (BR) EPL Gb (IEC-EX) EPL Gb (IN) |
| Certificate issuing department | DNV 15.0188 DNVGL-TAA000011J IECEX PTB 15.0013 PTB 09 ATEX 2043 |
| ATEX category Gas | II 2G |
| ATEX category Dust | II 2D |
| Explosion ignition protection type Gas | Ex ia IIC T6, T4 Ga |
| Explosion ignition protection type Dust | Ex tbIIIC T80°C, T130°C Db IP65 |
| Explosion-proof ambient temperature | T4, T130°C: $-40^{\circ}\text{C} \leq T_a \leq +85^{\circ}\text{C}$ T6, T80°C: $-40^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$ |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| Protection class | IP65 |
| Ambient temperature | $-20 \dots 50^{\circ}\text{C}$ |
| Product weight | 114 g |
| Electrical connection | Plug pattern type A to EN 175301-803 Per DIN EN 175301-803 |
| Mounting type | With knurled nut |
| Materials note | Conforms to RoHS |
| Material housing | Plastic Steel |
| Material electrical contact | Brass |
| Material winding | Copper |