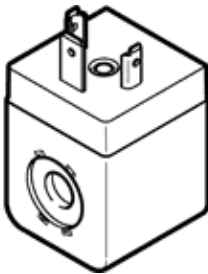


# solenoid coil

## VACN-N-A1-1-EX2-N

Part number: 8029136

FESTO



### Data sheet

| Feature                                   | values                                      |
|---|---|
| Type of actuation                         | electrical                                  |
| Assembly position                         | Any   |
| Duty cycle                                | 100%  |
| Insulation class                          | F   |
| Enamelled wire insulation class           | H   |
| Characteristic coil data                  | 24 V DC: 2.1 W                              |
| Permissible voltage fluctuation           | +/- 10 %                                    |
| ATEX category Gas                         | II 3G                                       |
| Explosion ignition protection type Gas    | Ex nA IIC T5/T4 X Gc                        |
| ATEX category Dust                        | II 3D                                       |
| Explosion ignition protection type Dust   | Ex tc IIIC T95°C/T105°C X Dc                |
| Explosion-proof ambient temperature       | -20°C ≤ Ta ≤ +60°C                          |
| CE mark (see declaration of conformity)   | to EU directive explosion protection (ATEX) |
| Corrosion resistance classification CRC   | 2 - Moderate corrosion stress               |
| Protection class                          | IP65  |
| Ambient temperature                       | -20 ... 60 °C                               |
| Product weight                            | 95 g  |
| Electrical connection                     | Per DIN EN 175301-803<br>Design A           |
| Mounting type                             | With knurled nut                            |
| Materials note                            | Conforms to RoHS                            |
| Materials information, housing            | Plastic<br>Steel                            |
| Material information for crimp connectors | Brass                                       |
| Material information, coil                | Copper                                      |