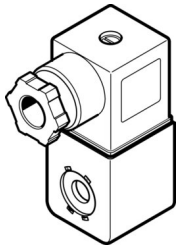
# Solenoid coil
# VACN-N-A1-3A-EX2-N

Part number: 8029138



## Data sheet

| Feature | Value |
|---|---|
| Type of actuation | Electrical |
| Mounting position | Any |
| Duty cycle | 100% |
| Insulation material class | F |
| Insulation material class of enamelled wire | H |
| Characteristic coil data | 230 V AC: 50 Hz, pick-up power 6.9 VA, holding power 4.1 VA<br>230 V AC: 60 Hz, pick-up power 5.4 VA, holding power 3.3 VA |
| Permissible voltage fluctuations | +/-10% |
| Maritime classification | See certificate |
| 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 Dc (GB)<br>EPL Gc (GB) |
| Explosion protection | Zone 2 (ATEX)<br>Zone 2 (UKEX)<br>Zone 22 (ATEX)<br>Zone 22 (UKEX) |
| Certificate issuing authority | DNV TAA000011J |
| ATEX category gas | II 3G |
| ATEX category dust | II 3D |
| Explosion ignition protection type for gas | Ex ec IIC T5 Gc X |
| Explosion ignition protection type for dust | Ex tc IIIC T95°C Dc X |
| Explosion ambient temperature | -20°C <= Ta <= +50°C |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Degree of protection | IP65 |
| Ambient temperature | -20 °C...50 °C |
| Product weight | 95 g |
| Electrical connection | Type A<br>To DIN EN 175301-803 |
| Type of mounting | Via knurled nut |
| Note on materials | RoHS compliant |

| Feature | Value |
|---|---|
| Material housing | Polymer<br>Steel |
| Material electrical contact | Brass |
| Material winding | Copper |