# Solenoid coil
# VACN-N-K11-1-0.5-U4-M

Part number: 8029146



## Data sheet

| Feature | Value |
|---|---|
| Actuation type | Electrical |
| Mounting position | Any |
| Duty cycle | 100% |
| Insulation class | H |
| Enameled wire insulation class | H |
| Coil characteristics | 24 V DC: 4.6 W |
| Permissible voltage fluctuations | +/- 10% |
| Maritime classification | See certificate |
| Explosion protection certification outside the EU | Class I, Div. 1 (CA)<br>Class I, Div. 1 (US)<br>Class I, Div. 2 (CA)<br>Class II, Div. 1 (CA)<br>Class II, Div. 1 (US)<br>Class III, Div. 1 (CA)<br>Class III, Div. 1 (US)<br>EPL Gb (US) |
| Explosion prevention and protection | Class I, Div. 1 (CA)<br>Class I, Div. 1 (US)<br>Class I, Div. 2 (CA)<br>Class II, Div. 1 (CA)<br>Class II, Div. 1 (US)<br>Class III, Div. 1 (CA)<br>Class III, Div. 1 (US)<br>Zone 1 (US) |
| Certificate issuing authority | CSA 265489<br>DNV TAA000011J<br>FM 3053936 |
| Type of ignition protection for gas | AEx m II T4<br>Ex m II T4 |
| Explosive ambient temperature | -20°C <= Ta <= +60°C |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364 Zone III |
| Degree of protection | IP65 |
| Ambient temperature | -20 °C...60 °C |
| Product weight | 207 g |
| Electrical connection | Cable |

| Feature | Value |
|---|---|
| Cable length | 0.61 m |
| Type of mounting | With knurled nut |
| Note on materials | RoHS compliant |
| Housing material | Polymer<br>Steel |
| Material of winding | Copper |