Solenoid coil
VACN-N-K1-16B-EX4-M

Part number: 8029142



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	110 V AC: 50/60 Hz, power 2.4 VA
Permissible voltage fluctuations	+/-10%
Maritime classification	See certificate
CE mark (see declaration of conformity)	To EU Explosion Protection Directive (ATEX) In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK EX instructions To UK RoHS instructions
Explosion protection certification outside the EU	EPL Db (BR) EPL Db (CN) EPL Db (GB) EPL Db (IEC-EX) EPL Gb (BR) EPL Gb (CN) EPL Gb (GB) EPL Gb (IECEx)
Explosion protection	Zone 1 (ATEX) Zone 1 (BR) Zone 1 (CN) Zone 1 (IEC-EX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (BR) Zone 21 (CN) Zone 21 (IEC-EX) Zone 21 (UKEX) Zone 22 (ATEX)
Certificate issuing authority	CCC 2021322307003994 DNV 15.0189X/02 DNV TAA000011J GYJ21.1327X IECEx PTB 15.0016X PTB 14 ATEX 2027 X

Feature	Value
ATEX category gas	II 2G
ATEX category dust	II 2D
Explosion ignition protection type for gas	Ex mb IIC T6 Gb
Explosion ignition protection type for dust	Ex mb IIIC T80°C Db Ex mb tb IIIC T80°C Db
Explosion ambient temperature	-20°C <= Ta <= +40°C (block) -20°C <= Ta <= +50°C (single)
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	353 g
Electrical connection	Cable
Cable diameter	7 mm
Cable length	3 m
Type of mounting	Via knurled nut
Note on materials	RoHS compliant
Material housing	Polymer Steel
Material winding	Copper