

# Solenoid coil

## VACN-N-K1-16B-EX4-M

Part number: 8029142

FESTO



### Data sheet

Feature	Value
Type code	VACN
Actuation type	Electrical
Mounting position	Any
Duty cycle	100%
Insulation class	F
Enameled wire insulation class	H
Coil characteristics	110 V AC: 50/60 Hz, power 2.4 VA
Permissible voltage fluctuations	+/- 10 %
Maritime classification	See certificate
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX) As per EU RoHS directive
Explosion protection certification outside the EU	EPL Db (BR) EPL Db (CN) EPL Db (IEC-EX) EPL Gb (BR)
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 1 (BR) Zone 21 (BR) Zone 21 (IEC-EX) Zone 21 (CN)
Certificate issuing authority	DNVGL-TAA000011J IECEX PTB 15.0016X PTB 14 ATEX 2027 X
ATEX category gas	II 2G
ATEX category for dust	II 2D
Type of ignition protection for gas	Ex mb IIC T6
Type of (ignition) protection for dust	Ex mb tb IIIC T80°C
Explosive ambient temperature	-20°C ≤ Ta ≤ +50°C
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
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	With knurled nut

<b>Feature</b>	<b>Value</b>
Note on materials	RoHS-compliant
Housing material	Polymer Steel
Material of winding	Copper