

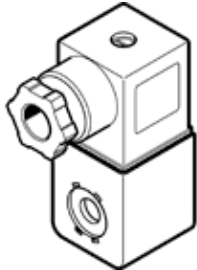
# solenoid coil

## VACN-N-A1-16B-EX2-N

Part number: 8029137

FESTO

for armature system FN, connection pattern type A, to EN 175 301, 120 V AC/60 Hz and 110V AC/50-60 Hz, non-sparking



### Data sheet

Feature	Value
Type of actuation	electrical
Assembly position	Any
Duty cycle	100 %
Insulation class	F
Enamelled wire insulation class	H
Characteristic coil data	110 V AC: 50 Hz, pick-up power 6.9 VA, holding power 4.1 VA 110 V AC: 60 Hz, pick-up power 5.4 VA, holding power 3.2 VA
Permissible voltage fluctuation	+/- 10 %
Maritime classification	see certificate
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
UKCA marking (see declaration of conformity)	To UK EX instructions
Explosion protection certification outside the EU	EPL Dc (GB) EPL Gc (GB)
Certificate issuing department	DNV TAA000011J
ATEX category Gas	II 3G
ATEX category Dust	II 3D
Explosion ignition protection type Gas	Ex nA IIC T5/T4 X Gc
Explosion ignition protection type Dust	Ex tc IIIC T95°C/T105°C X Dc
Explosion-proof ambient temperature	-20°C ≤ Ta ≤ +60°C
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L
Protection class	IP65
Ambient temperature	-20 ... 60 °C
Product weight	95 g
Electrical connection	Plug pattern type A to EN 175301-803 Per DIN EN 175301-803
Mounting type	With knurled nut
Materials note	Conforms to RoHS
Material housing	Plastic Steel
Material electrical contact	Brass
Material winding	Copper