

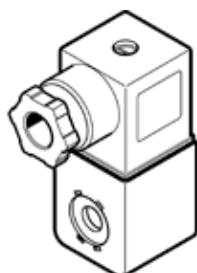
solenoid coil

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)
Certificate issuing department	DNVGL-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
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