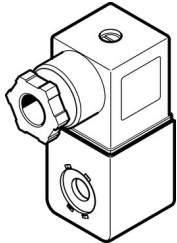


Solenoid coil VACN-N-A1-16B-EX2-N

Part number: 8029137

FESTO



Data sheet

Feature	Value
Type code	VACN
Maritime classification	See certificate
Actuation type	Electrical
Mounting position	Any
Duty cycle	100%
Insulation class	F
Enameled wire insulation class	H
Coil characteristics	110 V AC: 50 Hz, initial power 6.9 VA, holding power 4.1 VA 110 V AC: 60 Hz, initial power 5.4 VA, holding power 3.2 VA
Permissible voltage fluctuations	+/- 10 %
ATEX category gas	II 3G
Type of ignition protection for gas	Ex nA IIC T5/T4 X Gc
ATEX category for dust	II 3D
Type of (ignition) protection for dust	Ex tc IIIC T95°C/T105°C X Dc
Explosive ambient temperature	-20°C ≤ Ta ≤ +60°C
Certificate issuing authority	DNVGL-TAA000011J
Explosion prevention and protection	Zone 2 (ATEX) Zone 22 (ATEX)
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Degree of protection	IP65
Ambient temperature	-20 °C ... 60 °C
Product weight	95 g
Electrical connection	Form A as per DIN EN 175301-803
Type of mounting	With knurled nut
Note on materials	RoHS-compliant
Housing material	Polymer Steel
Material of pin contacts	Brass
Material of winding	Copper