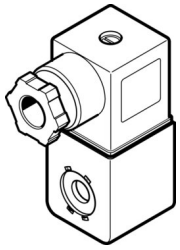
Solenoid coil
VACN-N-A1-16B-EX2-N

Part number: 8029137



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 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 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 Dc (GB) EPL Gc (GB)
Explosion protection	Zone 2 (ATEX) Zone 2 (UKEX) Zone 22 (ATEX) Zone 22 (UKEX)
Certificate issuing authority	DNV TAA000011J
ATEX category gas	II 3G
ATEX category dust	II 3D
Explosion ignition protection type for gas	Ex ec IIC T5 Gc X
Explosion ignition protection type for dust	Ex tc IIIC T95°C Dc X
Explosion ambient temperature	-20°C <= Ta <= +50°C
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	95 g
Electrical connection	Type A To DIN EN 175301-803
Type of mounting	Via knurled nut
Note on materials	RoHS compliant

Feature	Value
Material housing	Polymer Steel
Material electrical contact	Brass
Material winding	Copper