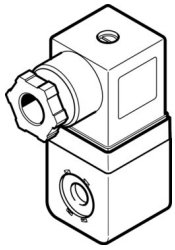
Solenoid coil
VACN-N-A1-1-EX4-A

Part number: 8029139



Data sheet

Feature	Value
Type of actuation	Electrical
Mounting position	Any
Duty cycle	100%
Required current consumption	27 mA
Insulation material class	F
Insulation material class of enamelled wire	H
Max. input power Pi	1.6 W
Max. input voltage Ui	IIC: 28 V IIB: 32 V
Max. input current Ii	IIC: 115 mA IIB: 195 mA
Max. intrinsically safe circuit input parameter	See certificate
Effective internal capacitance Ci	Negligibly low
Effective internal inductivity Li	Negligibly low
Maritime classification	See certificate
CE mark (see declaration of conformity)	To EU Explosion Protection Directive (ATEX)
UKCA marking (see declaration of conformity)	To UK EX instructions
Explosion protection certification outside the EU	EPL Db (BR) EPL Db (CN) EPL Db (GB) EPL Db (IEC-EX) EPL Gb (BR) EPL Gb (CN) EPL Gb (GB) EPL Gb (IECEx)
Explosion protection	Zone 1 (ATEX) Zone 1 (BR) Zone 1 (CN) Zone 1 (IEC-EX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (BR) Zone 21 (CN) Zone 21 (IEC-EX) Zone 21 (UKEX) Zone 22 (ATEX)

Feature	Value
Certificate issuing authority	2021322307003993 CCC 2021322307003993 CCC-Ex: 2021322307003993 DNV 15.0188 DNV TAA000011J GYJ21.1326 IECEx PTB 15.0013 PTB 09 ATEX 2043
ATEX category gas	II 2G
ATEX category dust	II 2D
Explosion ignition protection type for gas	Ex ia IIC/IIB T6/T4 Gb
Explosion ignition protection type for dust	Ex tb IIIC T80°C/T130°C Db
Explosion ambient temperature	T4/T130°C: -40°C <= Ta <= +85°C T6/T80°C: -40°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	114 g
Electrical connection	Type A To DIN EN 175301-803
Type of mounting	Via knurled nut
Note on materials	RoHS compliant
Material housing	Polymer Steel
Material electrical contact	Brass
Material winding	Copper