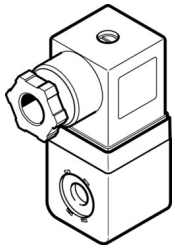
Solenoid coil
VACN-N-A1-1-EX4-A

Part number: 8029139



Data sheet

Feature	Value
Actuation type	Electrical
Mounting position	Any
Duty cycle	100%
Required current consumption	27 mA
Insulation class	F
Enameled wire insulation class	H
Max. input voltage Vi	28 V
Max. input current Ii	115 mA
Effective internal capacitance Ci	Negligibly small
Effective internal inductance Li	Negligibly small
Maritime classification	See certificate
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
UKCA marking (see declaration of conformity)	acc. 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 (IEC-EX)
Explosion prevention and 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)
Certificate issuing authority	CCC 2021322307003993 DNV 15.0188 DNV TAA000011J GYJ21.1326 IECEx PTB 15.0013

Feature	Value
	PTB 09 ATEX 2043
ATEX category gas	II 2G
ATEX category for dust	II 2D
Type of ignition protection for gas	Ex ia IIC/IIB T6/T4 Gb
Type of (ignition) protection for dust	Ex tb IIIC T80°C/T130°C Db
Explosive 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 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