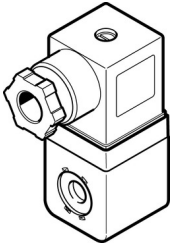


Solenoid coil VACN-N-A1-1-EX4-A

Part number: 8029139

FESTO



Data sheet

Feature	Value
Type code	VACN
Actuation type	Electrical
Mounting position	Any
Duty cycle	100%
Required current consumption	≥0.027 A
Insulation class	F
Enameled wire insulation class	H
Max. input voltage V_i	28 V
Max. input current I_i	0.115 A
Effective internal capacitance C_i	Negligibly low
Effective internal inductance L_i	Negligibly low
Maritime classification	See certificate
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
Explosion protection certification outside the EU	EPL Db (CN) EPL Db (IEC-EX) EPL Db (IN) EPL Ga (BR) EPL Gb (IEC-EX) EPL Gb (IN)
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 0 (BR) Zone 1 (IEC-EX) Zone 21 (IEC-EX) Zone 21 (CN)
Certificate issuing authority	DNV 15.0188 DNVGL-TAA000011J IECEX PTB 15.0013 IECEX PTB 15.0013 PTB 09 ATEX 2043
ATEX category gas	II 2G
ATEX category for dust	II 2D
Type of ignition protection for gas	Ex ia IIC T6, T4 Ga
Type of (ignition) protection for dust	Ex tb IIIC T80°C, T130°C Db IP65
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
Degree of protection	IP65

Feature	Value
Ambient temperature	-20 °C ... 50 °C
Product weight	114 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