

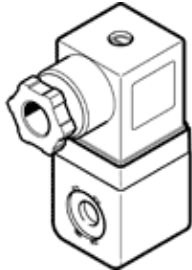
# Solenoid coil

## VACN-N-A1-1-EX4-A

Part number: 8029139

FESTO

for armature system FN, connection pattern type A, according to EN 175 301, 24 V DC, intrinsically safe.



### Data sheet

Feature	Value
Type of actuation	electrical
Assembly position	Any
Duty cycle	100 %
Required current consumption	$\geq 27$ mA
Insulation class	F
Enamelled wire insulation class	H
Max. input voltage	28 V
Max. input current	115 mA
effective capacity	negligibly small
effective inductivity	negligibly small
Maritime classification	see certificate
CE symbol (see declaration of conformity)	according to EU-Ex protection guideline (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 (IEC-EX)
Certificate issuing department	CCC 2021322307003993 DNV 15.0188 DNV TAA000011J GYJ21.1326X IECEx PTB 15.0013 PTB 09 ATEX 2043
ATEX category Gas	II 2G
ATEX category Dust	II 2D
Explosion ignition protection type Gas	Ex ia IIC T6, T4 Gb
Explosion ignition protection type Dust	Ex tbIIIC T80°C, T130°C Db IP65
Explosion-proof ambient temperature	T4, T130°C: $-40^{\circ}\text{C} \leq \text{Ta} \leq +85^{\circ}\text{C}$ T6, T80°C: $-40^{\circ}\text{C} \leq \text{Ta} \leq +50^{\circ}\text{C}$
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L
Protection class	IP65
Ambient temperature	$-20 \dots 50^{\circ}\text{C}$
Product weight	114 g
Electrical connection	Plug pattern type A to EN 175301-803 Per DIN EN 175301-803
Mounting type	With knurled nut
Materials note	Conforms to RoHS
Material housing	Plastic Steel
Material electrical contact	Brass
Material winding	Copper