Solenoid coil
VACF-B-K1-3A-1-EX4-M

Part number: 8059809



Data sheet

Feature	Value
Mounting position	Any
Switching position indication	No
Min. pick-up time	10 ms
Duty cycle	100%
Coil characteristics	230 V AC: 50/60 Hz, power 5.0 VA
Permissible frequency fluctuations	+/- 5%
Permissible voltage fluctuations	+/- 10%
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX) As per EU RoHS directive
UKCA marking (see declaration of conformity)	acc. to UK EX instructions To UK RoHS 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	2020322307001099 CML22UKEX5255X DNV17.0013X GYJ23.1154X IBExU 16 ATEX1146X IECEx IBE16.0024X
ATEX category gas	II 2G

Feature	Value
ATEX category for dust	II 2D
Type of ignition protection for gas	Ex mb IIC T5 Gb
Type of (ignition) protection for dust	Ex mb IIIC T95°C Db
Explosive ambient temperature	-30°C <= Ta <= +40°C
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-C1-L
Degree of protection	IP65
Ambient temperature	-30 °C...40 °C
Product weight	170 g
Electrical connection	3-wire Open-ended cable
Cable length	1 m
Nominal conductor cross section	0.75 mm²
Type of mounting	With knurled nut
Note on materials	RoHS compliant
Solenoid coil material	Aluminum Epoxy Copper Steel
Material of winding	Copper