

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

Part number: 8059809

FESTO



 General operating condition

## Data sheet

Feature	Value
Mounting position	Any
Switching position indicator	No
Min. pick-up time	10 ms
Duty cycle	100%
Characteristic coil data	230 V AC: 50/60 Hz, power 5.0 VA
Permissible frequency fluctuations	+/-5%
Permissible voltage fluctuations	+/-10%
CE mark (see declaration of conformity)	To EU Explosion Protection Directive (ATEX) In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	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 (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)
Certificate issuing authority	2020322307001099 CML22UKEX5255X DNV17.0013X GYJ23.1154X IBExU 16 ATEX1146X IECEX IBE16.0024X
ATEX category gas	II 2G
ATEX category dust	II 2D
Explosion ignition protection type for gas	Ex mb IIC T5 Gb
Explosion ignition protection type for dust	Ex mb IIIC T95°C Db
Explosion ambient temperature	-30°C ≤ Ta ≤ +40°C
Corrosion resistance class CRC	0 - No corrosion stress

<b>Feature</b>	<b>Value</b>
LABS (PWIS) conformity	VDMA24364-C1-L
Degree of protection	IP65
Ambient temperature	-30 °C ... 40 °C
Product weight	170 g
Electrical connection	3-core Cable with open end
Cable length	1 m
Nominal cross section conductor	0.75 mm <sup>2</sup>
Type of mounting	Via knurled nut
Note on materials	RoHS compliant
Material solenoid coil	Aluminium Epoxy resin Copper Steel
Material winding	Copper