Solenoid coil
VACC-S13-11-K4-1-EX4A

Part number: 8109401



Data sheet

Feature	Value
Type of actuation	Electrical
Mounting position	Any
Switching position indicator	No
Duty cycle	100%
Required current consumption	16 mA
Insulation material class	H
Max. input power Pi	1.2 W
Max. input voltage Ui	32 V
Max. input current Ii	0.2 A
Characteristic coil data	14 - 32 V DC: 0.22 - 1.1 W
Effective internal capacitance Ci	Negligibly low
Effective internal inductivity Li	Negligibly low
Permissible voltage fluctuations	-15% / +10%
CE mark (see declaration of conformity)	To EU EMC Directive To EU Explosion Protection Directive (ATEX) In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK EX instructions To UK RoHS instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Db (IEC-EX) EPL Gb (GB) EPL Gb (IECEx)
Explosion protection	Zone 1 (ATEX) Zone 1 (IEC-EX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (IEC-EX) Zone 21 (UKEX) Zone 22 (ATEX)
Certificate issuing authority	BVS 15 ATEX E 030 X IECEx BVS 15.0020 X German Technical Control Board (TÜV) 21 UKEX 7016 X
ATEX category gas	II 2G
ATEX category dust	II 2D

Feature	Value
Explosion ignition protection type for gas	Ex ia IIC/IIB T5/T6 Gb
Explosion ignition protection type for dust	Ex ia IIIC T95°C/T80°C IP65 Db
Explosion ambient temperature	T5/T95°C: -30°C <= Ta <= +65°C T6/T80°C: -30°C <= Ta <= +50°C
LABS (PWIS) conformity	VDMA24364 zone III
Degree of protection	IP65
Product weight	330 g
Electrical connection	Terminal box, cable entry thread M20x1.5
Note on materials	RoHS compliant