Solenoid coil
VACC-S13-11-K4-1-KS4A

Part number: 8114136



Data sheet

Feature	Value
Actuation type	Electrical
Mounting position	Any
Switching position indication	No
Duty cycle	100%
Required current consumption	16 mA
Insulation class	H
Max. input power Pi	1.2 W
Max. input voltage Vi	32 V
Max. input current Ii	0.2 A
Coil characteristics	14 - 32 V DC: 0.22 - 1.1 W
Effective internal capacitance Ci	Negligibly small
Effective internal inductance Li	Negligibly small
Permissible voltage fluctuations	-15% / +10%
CE marking (see declaration of conformity)	As per EU EMC directive as per EU explosion protection directive (ATEX)
Explosion protection certification outside the EU	EPL Db (KR) EPL Gb (KR)
Explosion prevention and protection	Zone 1 (ATEX) Zone 1 (KR) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (KR) Zone 22 (ATEX)
Certificate issuing authority	21-AV4BO-0280X 22-AV4BO-0052X
ATEX category gas	II 2G
ATEX category for dust	II 2D
Type of ignition protection for gas	Ex ia IIC T5, T6
Type of (ignition) protection for dust	Ex iaD 21 T80/T95°C
Explosive ambient temperature	T5, T95°C: -30°C <= Ta <= +65°C T6, T80°C: -30°C <= Ta <= +50°C
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364 Zone III
Degree of protection	IP65

Feature	Value
Product weight	330 g
Electrical connection	Terminal box, cable entry thread M20x1.5
Note on materials	RoHS compliant
Solenoid coil material	PA UP