

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

Part number: 8109401

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Actuation type	Electrical
Mounting position	Any
Switching position indication	no
Duty cycle	100%
Required current consumption	0.016 A
Insulation class	H
Max. input power P_i	1.2 W
Max. input voltage V_i	32 V
Max. input current I_i	0.2 A
Coil characteristics	14 - 32 V DC: 0.22 - 1.1 W
Effective internal capacitance C_i	Negligibly low
Effective internal inductance L_i	Negligibly low
Permissible voltage fluctuations	-15 % / +10 %
CE marking (see declaration of conformity)	As per EU EMC directive as per EU explosion protection directive (ATEX) As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC acc. 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 (IEC-EX)
Explosion prevention and 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	IECEx BVS 15.0020 X TÜV 21 UKEX 7016 X
ATEX category gas	II 2G
ATEX category for dust	II 2D
Type of ignition protection for gas	Ex ia IIC T5/T6 Gb
Type of (ignition) protection for dust	Ex ia IIIC T95°C/T80°C IP65 Db
Explosive ambient temperature	T5/T95°C: -30°C ≤ Ta ≤ +65°C T6/T80°C: -30°C ≤ Ta ≤ +50°C
LABS (PWIS) conformity	VDMA24364 zone III

Feature	Value
Degree of protection	IP65
Product weight	330 g
Electrical connection	Terminal box, cable entry thread M20x1.5
Note on materials	RoHS-compliant