

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

Part number: 8109401

FESTO



## Data sheet

Feature	Value
Type of actuation	Electric
Mounting position	optional
Switching position indicator	no
Duty cycle	100%
Required current consumption	16 mA
Insulation material class	H
Max. input power $P_i$	1.2 W
Max. input voltage $U_i$	32 V
Max. input current $I_i$	0.2 A
Characteristic coil data	14-32 V DC: 0.22 - 1.1 W
Effective internal capacitance $C_i$	Negligibly low
Effective internal inductivity $L_i$	Negligibly low
Permissible voltage fluctuations	-15%/+10%
CE mark (see declaration of conformity)	To EU EMC Directive To EU Explosion Protection Directive (ATEX)
CE marking (see declaration of conformity)	To UK instructions for EMC To UK EX 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	BVS15 ATEXE030X IECEX BVS 15.0020X
ATEX category gas	II 2G
ATEX category dust	II 2D
Explosion ignition protection type for gas	Ex i IIC T6, T5 Gb
Explosion ignition protection type for dust	Ex i IIIC T80°C, T95°C IP65 Db

Feature	Value
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