

Solenoid coil VACC-S18-70-K5-1U-EX4D

Part number: 3546549

FESTO



 General operating condition

Data sheet

Feature	Value
Type of actuation	Electrical
Mounting position	Any
Switching position indicator	No
Duty cycle	100%
Insulation material class	H
Characteristic coil data	24 V AC: 50/60 Hz, power 7.0 VA 24 V DC: 7.0 W
Permissible voltage fluctuations	-15% / +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 (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	BVS15ATEXE135 IECEXBVS.15.0116
ATEX category gas	II 2G
ATEX category dust	II 2D
Explosion ignition protection type for gas	Ex db IIC T6, T5, T4 Gb
Explosion ignition protection type for dust	Ex tb IIIC T80°C, 95°C, 130°C Db
Explosion ambient temperature	T4, T130°C: -50°C ≤ Ta ≤ +90°C T5, T95°C: -50°C ≤ Ta ≤ +55°C T6, T80°C: -50°C ≤ Ta ≤ +40°C
Corrosion resistance class CRC	4 - Very high corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Degree of protection	IP65
Product weight	1700 g
Electrical connection	Terminal box, cable entry thread NPT1/2
Note on materials	RoHS compliant

Feature	Value
Material solenoid coil	Wrought aluminium alloy Grey cast iron