

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

Part number: 3546549

FESTO



## Data sheet

Feature	Value
Type code	VACC
Actuation type	Electrical
Mounting position	Any
Switching position indication	no
Duty cycle	100%
Insulation class	H
Coil characteristics	24 V AC: 40/65 Hz, power 7 VA 24 V DC: 7.0 W
Permissible voltage fluctuations	-15 % / +10 %
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
Explosion protection certification outside the EU	EPL Db (BR) EPL Db (CN) EPL Db (IEC-EX) EPL Db (IN) EPL Db (KR) EPL Gb (BR) EPL Gb (CN) EPL Gb (IEC-EX) EPL Gb (IN) EPL Gb (KR)
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 1 (BR) Zone 21 (BR) Zone 1 (IEC-EX) Zone 21 (IEC-EX) Zone 1 (KR) Zone 21 (KR) Zone 1 (CN) Zone 21 (CN)
Certificate issuing authority	BVS15ATEXE135 IECExBVS.15.0116 INMETRO DNV 17.0040X KGS 16-GA4BO-0896X KGS 16-GA4BO-0897X NEPSI GYJ17.1236X PESO P396315
ATEX category gas	II 2G
ATEX category for dust	II 2D
Type of ignition protection for gas	Ex db IIC T6, T5, T4 Gb
Type of (ignition) protection for dust	Ex tb IIIC T85°C, T95°C, T130°C Db

Feature	Value
Explosive 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 - Particularly high corrosion stress
Degree of protection	IP65
Product weight	1700 g
Electrical connection	Terminal box, cable entry thread NPT1/2
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Solenoid coil material	Wrought aluminum alloy Gray cast iron