Solenoid coil
VACC-S18-18-K4-3A-EX4D

Part number: 3504741



Data sheet

Feature	Value
Actuation type	Electrical
Mounting position	Any
Switching position indication	No
Duty cycle	100%
Insulation class	H
Coil characteristics	230 V AC: 50/60 Hz, power 1.8 VA
Permissible voltage fluctuations	-15% / +10%
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX) As per EU RoHS directive
UKCA marking (see declaration of conformity)	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	BVS15ATEXE135 IECExBVS.15.0116
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 T80°C,95°C,130°C Db
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
LABS (PWIS) conformity	VDMA24364 Zone III
Degree of protection	IP65
Product weight	1700 g

Feature	Value
Electrical connection	Terminal box, cable entry thread M20x1.5
Note on materials	RoHS compliant
Solenoid coil material	Wrought aluminum alloy Cast iron