Solenoid coil
MSFW-24-50/60-EX

Part number: 536932



Data sheet

Feature	Value
Mounting position	Any
Min. pick-up time	10 ms
Duty cycle	100%
Power factor cos {phi}	0.7
Coil characteristics	24 V AC: 50/60 Hz, initial power 9.0 VA, holding power 7.0 VA
Permissible frequency fluctuations	+/- 5%
Permissible voltage fluctuations	+/- 10%
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
Explosion protection certification outside the EU	EPL Dc (CN) EPL Gc (CN)
Explosion prevention and protection	Zone 2 (ATEX) Zone 2 (CN) Zone 22 (ATEX) Zone 22 (CN)
ATEX category gas	II 3G
ATEX category for dust	II 3D
Type of ignition protection for gas	Ex nA IIC T4 X Gc
Type of (ignition) protection for dust	Ex tc IIIC T130°C X Dc IP65
Explosive ambient temperature	-5°C <= Ta <= +40°C
LABS (PWIS) conformity	VDMA24364-B2-L
Degree of protection	IP65
Ambient temperature	-5 °C...40 °C
Max. tightening torque of socket	0.4 Nm
Product weight	55 g
Electrical connection	3-pin Plug flags with connection diagram as per Festo standard for MSSD-F
Type of mounting	With knurled nut
Note on materials	RoHS compliant
Solenoid coil material	Duroplast Copper Steel
Material of winding	Copper