

# Solenoid coil MSFW-110-50/60-EX

Part number: 536933

FESTO



 General operating condition

## Data sheet

Feature	Value
Mounting position	optional
Min. pick-up time	10 ms
Duty cycle	100%
Power factor (cos phi)	0.7
Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 9.0 VA, holding power 7.0 VA
Permissible frequency fluctuations	+/- 5%
Permissible voltage fluctuations	+/- 10 %
CE mark (see declaration of conformity)	To EU Explosion Protection Directive (ATEX) To EU Low Voltage Directive
Explosion protection certification outside the EU	EPL Dc (CN) EPL Gc (CN)
Explosion protection	Zone 2 (ATEX) Zone 2 (CN) Zone 22 (ATEX) Zone 22 (CN)
ATEX category gas	II 3G
ATEX category dust	II 3D
Explosion ignition protection type for gas	Ex nA IIC T4 X Gc
Explosion ignition protection type for dust	Ex tc IIIC T130°C X Dc IP65
Explosion 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 for socket	0.4 Nm
Product weight	55 g
Electrical connection	3-pin Plug pins with connection pattern to Festo standard for MSSD-F
Type of mounting	Via knurled nut
Note on materials	RoHS-compliant
Material solenoid coil	Duroplast Copper Steel
Material winding	Copper