


Solenoid coil MSFW-24-50/60-EX

Part number: 536932

FESTO



 [General operating condition](#)

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 |