

# Solenoid coil MSFW-24-50/60-EX

FESTO

Part number: 536932



 [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)<br>EPL Gc (CN)   |
| Explosion prevention and protection               | Zone 2 (ATEX)<br>Zone 2 (CN)<br>Zone 22 (ATEX)<br>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<br>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<br>Copper<br>Steel   |
| Material of winding                               | Copper   |