

# Solenoid coil MSFG-24-EX

Part number: 536931

**FESTO**



## Data sheet

| Feature                                           | Value                                                                        |
|---------------------------------------------------|------------------------------------------------------------------------------|
| Mounting position                                 | Any                                                                          |
| Min. pick-up time                                 | 10 ms                                                                        |
| Duty cycle                                        | 100%                                                                         |
| Coil characteristics                              | 24 V DC: 4.5 W                                                               |
| 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                                                                       |