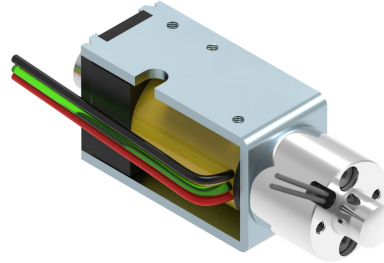


• ERB 35-05/NDBCP TYPE

This locking bolt is double coil bistable solenoid, where the stroke movement from initial (unlocked) to final position (locked) is made by electromagnetic forces when coil 1 is feeded. The return to initial positions takes place by an inverse polarizing pulse (when coil 2 is feeded) combined with an incorporated spring. It has proximity sensor integrated to detect locked position and free wheel diode to protect the coil against reverse polarity.

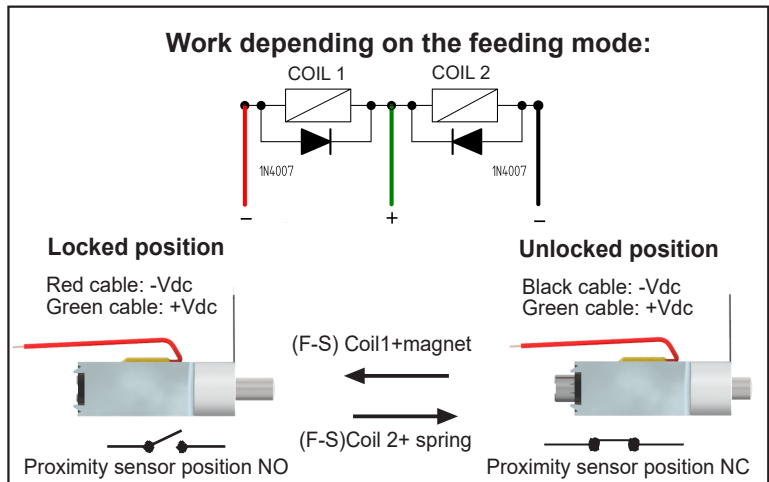
Protection rate: **IP00**
 Insulation class: **Y (90°C)**
 Available voltages: **12, 24, 48Vdc**
 Coil 1 duty-cycle (ED%): **20**
 Coil 2 duty-cycle (ED%): **25**
 Cycle duration: **3 minutes**
 Standard stroke "s": **7mm**
 Temperature stroke " ΔV_{31} ": **70°C**
 Work: **push/pull**
 Incorporated return spring: **YES**



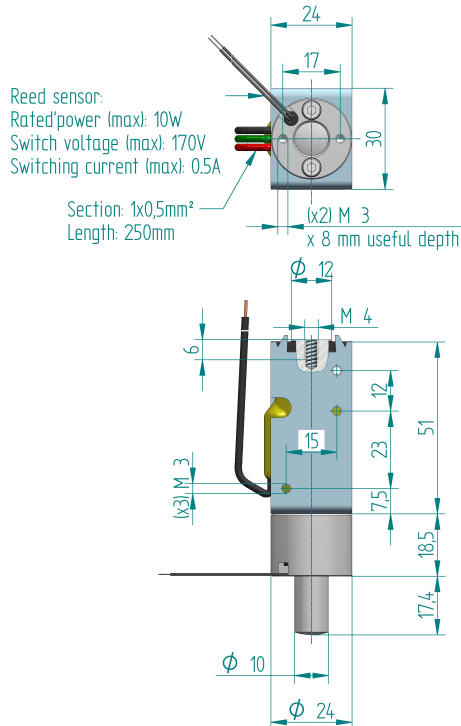
| | |
|-------------------------------|-------|
| Standard voltage: | 24Vdc |
| Coil 1 duty-cycle ED(%) | 20 |
| Coil 1 abs. power at 20°C (W) | 24 |
| Coil 2 duty-cycle ED(%) | 25 |
| Coil 2 abs. power at 20°C (W) | 22 |
| Vac (V) 1) 2) | NP |
| Plunger weight (kg) | 0.046 |
| Solenoid weight (kg) | 0.218 |

NP= Not available

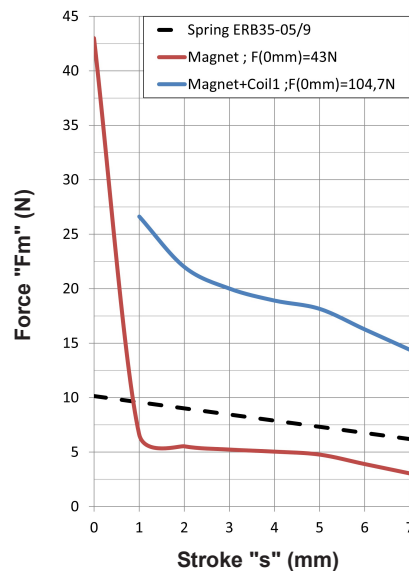
- They can be manufactured at any voltage between the maximum and the minimum voltage values shown under chart.
- If any variation from the original is needed please contact.
- Earthing is recommended if the metallic are accessible.



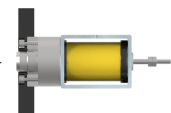
Solenoid locked (s=0mm position)



Force-stroke curve(F-S)



Frontal fixation: it is imperative to realize a small bush of the guide thus to secure the optimal efficiency.



Ordering code: *ERB35-05/NDBCP --V ED20%ED25%*

Example: Voltage: 24Vdc: *ERB35-05/NDBCP 24Vdc ED20%ED25%*

ASSEMBLY: the screw does not have to exceed the wall of the magnetic circuit