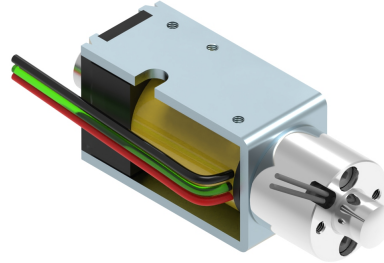


• ERB 35-05/NDBCP TYPE

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**

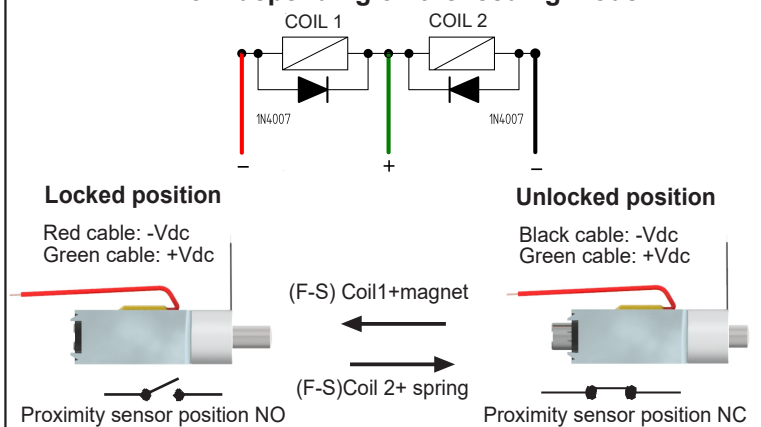


Standard voltage:	24Vdc
Coil 1 duty-cycle ED(%)	20
Coil 1 abs. power at 20°C (W)	24
Coil 2 duty-cycle ED(%)	25
Coil 2 abs. power at 20°C (W)	22
Vac (V) 1) 2)	NP
Plunger weight (kg)	0.046
Solenoid weight (kg)	0.218

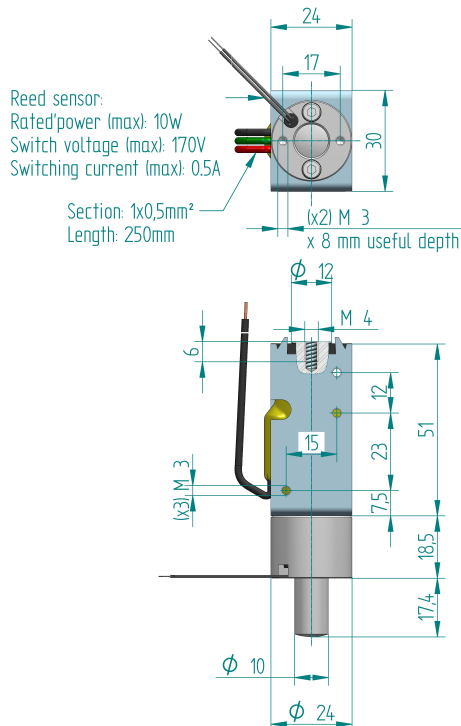
NP= Not available

- 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.

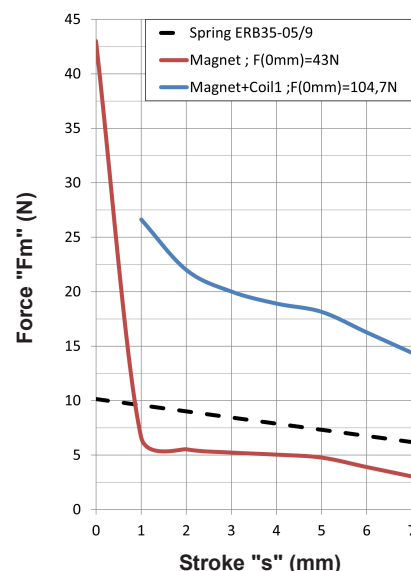
Work depending on the feeding mode:



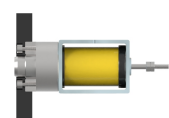
Solenoid locked (s=0mm position)



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 to have to exceed the wall of the magnetic circuit