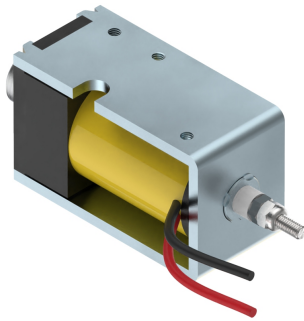


### • ERB 35-05/NC TYPE



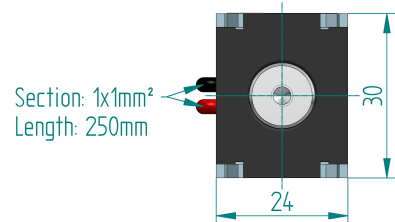
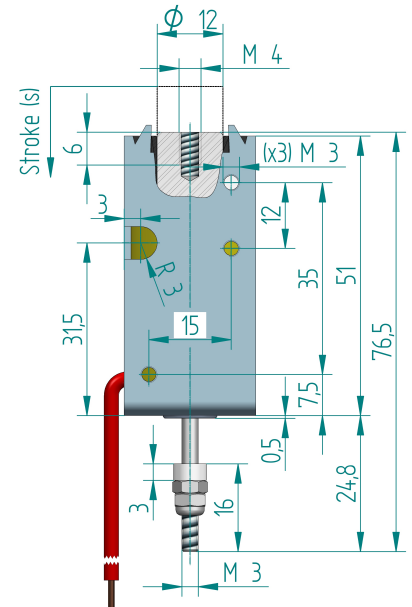
Protection rate: **IP00**  
 Insulation class: **Y (90°C)**  
 Reference cycle: **3 minutes**  
 Standard stroke (s): **8 mm**  
 Temperature rise " $\Delta V_{31}$ ": **70°C**  
 Working temperature: **-10 to 45°C**  
 Work: **Push / Pull**

**Release spring** will be incorporated by defect

Standard spring force:  
 $F_s(s=0\text{mm}) = 12.3 \text{ N}$   
 $F_s(s=8 \text{ mm}) = 8.7 \text{ N}$

(Un) Standard voltage (Vdc)	24
(ED) Duty-cycle ED(%)	20
(P20) Power at 20°C (W)	35
Available voltage (Vdc)	from 6 to 205
Available voltage (Vac)	NOT AVAILABLE
Max time under voltage(s)	30
Plunger weight (Kg)	0.040
Solenoid weight (Kg)	0.165

**Solenoid locked (s=0mm position)**



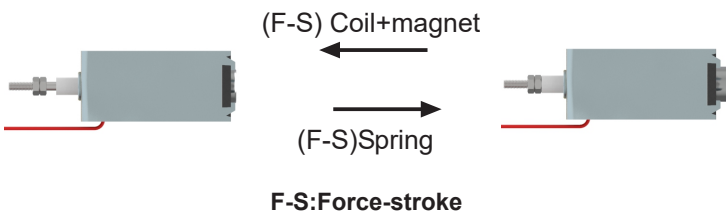
#### Work depending on feeding mode:

##### Locked position

Red cable: +Vdc  
 Black cable: -Vdc

##### Unlocked position

Red cable: -Vdc  
 Black cable: +Vdc



- Voltage under demand:

They can be manufactured at voltages between the maximum and minimum voltage values shown in the chart.

- If any customization from the original is needed, please ask us.

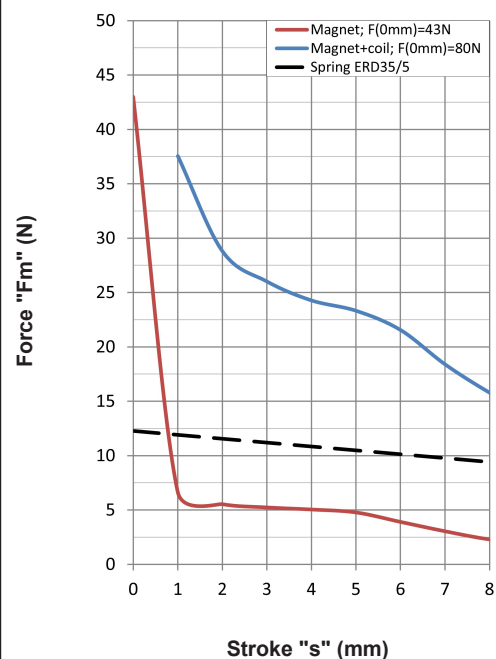
- Earthing is recommended if the metallic parts are accessible.

**Ordering code:** ERB35-05/NC --V ED20% - Spring

Voltage: 24Vdc; Duty cycle: ED25%; With spring:  
 ERB35-05/NC 24Vdc ED20% RS

Voltage: 12Vdc; Duty cycle: ED20%; Without spring:  
 ERB35-05/NC 12Vdc ED20% RN

#### Force-stroke curve



Calculation of the effective force:  
 see pages 1 and 81

Spring yes: RS ; Spring no: RN

For fixation and mounting positions: see page 81