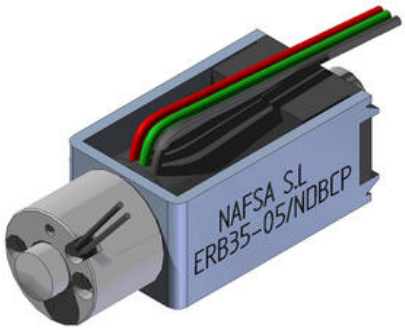
OEM Automatic Ltd
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NAFSA - ERB35 NDBCP SERIES

ERB35-05/NDBCP

- Bistable reinforced locking bolt
- Class Y winding (90ºC)
- With release spring
- Proximity switch enclosed
- Customer specific version available



PRODUCT DESCRIPTION

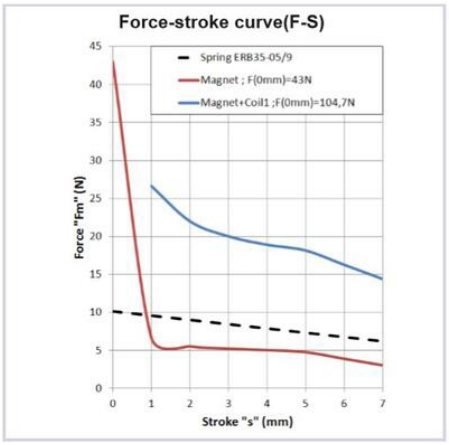
A double coil bistable locking bolt, where the initial stroke is controlled when coil 1 is powered.

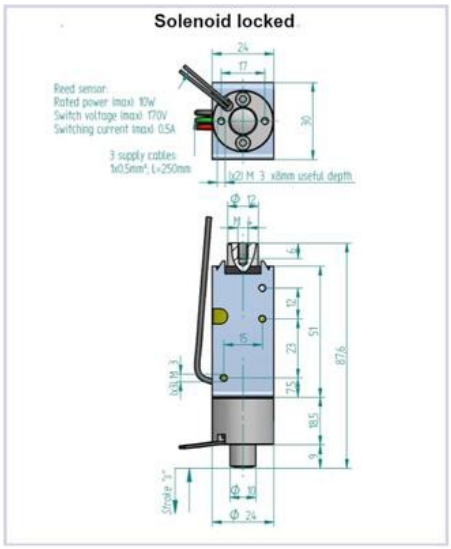
Return is carried out by giving coil 2 a pulese, combined with a spring assist.

Fitted with a proximity sensor to detect locked position and a free wheel diode to protect against reverse polarity.

TECHNICAL DATA

Coil 1 absorbed power	24 W
Coil 1 duty cycle	20 %
Coil 2 absorbed power	22 W
Coil 2 duty cycle	25 %
Insulation class	Y(90ºC)
IP class	IP00
Plunger weight	46 g
Spring return	Yes
Stroke	7 mm
Total weight	218 g
Voltage dc max	48 V
Voltage dc min	12 V


Force-stroke curve(F-S)
Spring ERB35-05/9
Magnet ; F(0mm)=43N
Magnet+Coil1 ;F(0mm)=104,7N
Force "Fm" (N)
Stroke "s" (mm)
0
5
10
15
20
25
30
35
40
45
0
1
2
3
4
5
6
7


Solenoid locked
Reed sensor:
Rated power (max) 10W
Switch voltage (max) 170V
Switching current (max) 0.5A
3 supply cables
1x0.5mm², L=250mm
2x Ø3.1 M 3 x8mm useful depth
24
17
30
87.6
51
23
18.5
Stroke "s"
Ø 24