

Ledex® C Frame Size C8M

Part Number: C8M - **XXX** - M- 36

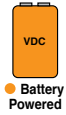
All products are RoHS Compliant

LINEAR Open Frame

Select from performance chart below

Specifications

| | |
|-------------------------|----------------------------------|
| Operation | Pull |
| Dielectric Strength | 500 VRMS for one second |
| Continuous Duty Cycle | 100% at 20°C ambient temperature |
| Intermittent Duty Cycle | See below |
| Holding Force | 9.96 N at 20°C |
| Coil Insulation | Class "A": 105°C max. |
| Coil Termination | 3/16" QC |
| Plunger Weight | 11.3 g |
| Total Weight | 45.4 g |



Performance

| Maximum Duty Cycle | 100% | 50% | 25% | 10% |
|--|------|-----|-----|------|
| Maximum ON Time (sec) when pulsed continuously | ∞ | 19 | 9 | 3 |
| Maximum ON Time (sec) for single pulse | ∞ | 286 | 92 | 27 |
| Watts (@ 20°C) | 3.6 | 7 | 14 | 35 |
| Ampere Turns (@ 20°C) | 464 | 657 | 929 | 1470 |

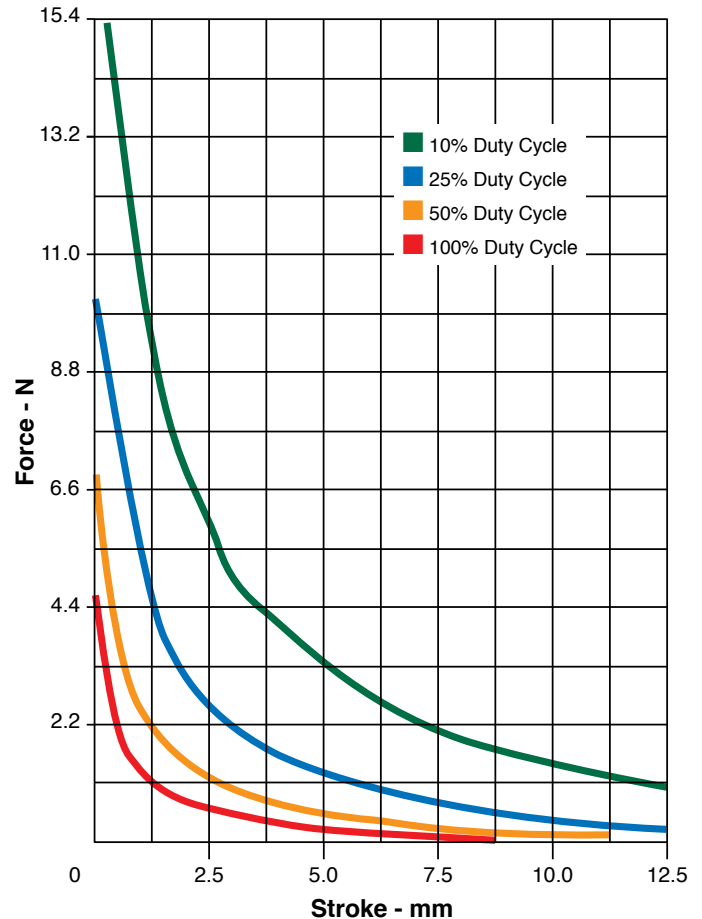
Coil Data

| Part Number | Resistance (@20°C) | Ref # Turns | VDC (Nom) | VDC (Nom) | VDC (Nom) | VDC (Nom) |
|--------------|--------------------|-------------|-----------|-----------|-----------|-----------|
| C8M-276-M-36 | 2.56 | 404 | 3 | 4.2 | 5.9 | 9.3 |
| C8M-273-M-36 | 9.30 | 752 | 6 | 8.5 | 12 | 19 |
| C8M-274-M-36 | 23.2 | 1252 | 9 | 12.7 | 18 | 28.5 |
| C8M-272-M-36 | 37.12 | 1484 | 12 | 17 | 24 | 38 |
| C8M-271-M-36 | 150.73 | 2736 | 24 | 34 | 48 | 76 |
| C8M-270-M-36 | 621.54 | 5544 | 48 | 68 | 96 | 152 |
| C8M-269-M-36 | 3824 | 15035 | 120 | 164 | 231 | 366 |

NOTES:

- All data is typical.
- Force testing is done with the solenoid in the horizontal position.
- All data reflects operation with no heatsink.
- Magnetic latching versions available.
- Pull versions standard; push versions available.
- Other coil terminations available.

Typical Force @ 20°C



How to Order

Select the part number from the table provided. (For example, to order a 25% duty cycle unit rated at 48 VDC, specify C8M-271-M-36.

Please see www.ledex.com (click on Stock Products tab) for our list of stock products available through our North American distributors.

All specifications subject to change without notice.

Force values for reference only.

Dimensions

mm

All solenoids are illustrated in energised state

