

Ledex® C Frame Size C8M

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

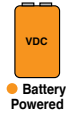
All products are RoHS Compliant

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 |

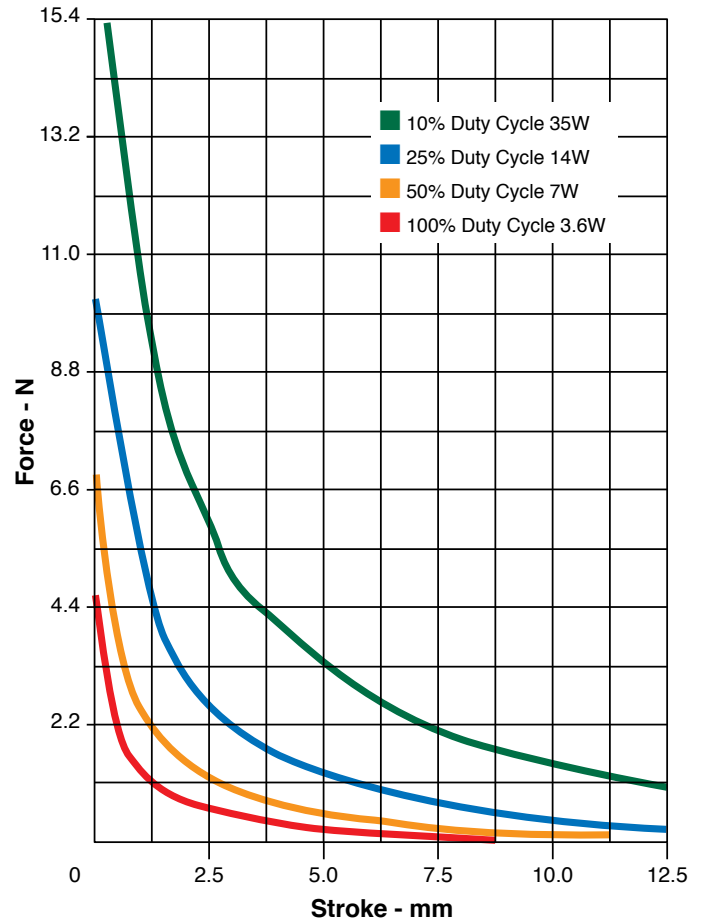
Coil Data

| 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 for our list of stock products available through our North American distributors.



All specifications subject to change without notice.

Force values for reference only.

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Dimensions

mm

All solenoids are illustrated in energised state

