



HIWIN CONFIDENTIAL
機密文件未經許可，嚴禁複製

Note:
1.Cabling: IGUS CF10.15.07(7G 1.5)
2.Outer Diameter: 11.5mm
3.Thermal Sensor: 3 PTC 100°C in series
4.Except dimensions,all the specifications in the table are in ±10% of tolerance
5.Choosing the length of cable (L) in the table

| | Part Number | L | Choosing the length of cable (L) in the table |
|---|--------------|------|---|
| 1 | HM13FX4M0100 | 500 | <input type="checkbox"/> |
| 2 | HM13FX4M0A00 | 600 | <input type="checkbox"/> |
| 3 | HM13FX4M0B00 | 700 | <input type="checkbox"/> |
| 4 | HM13FX4M0C00 | 800 | <input type="checkbox"/> |
| 5 | HM13FX4M0D00 | 900 | <input type="checkbox"/> |
| 6 | HM13FX4M0E00 | 1000 | <input type="checkbox"/> |
| 7 | HM13FX4M0F00 | 1100 | <input type="checkbox"/> |
| 8 | HM13FX4M0G00 | 1200 | <input type="checkbox"/> |

| WIRING DIAGRAM | |
|----------------|-------------|
| Signal | CABLE |
| V | 1 |
| U | 2 |
| W | 3 |
| - | 4 |
| Thermal+ | 5 |
| Thermal- | 6 |
| GND | YellowGreen |

| LMCF8 Specification | | | |
|---------------------|--------------------------|------------|------|
| 1 | Cont. force | N | 456 |
| 2 | Cont. current | Arms | 7.6 |
| 3 | Peak force(1s) | N | 1824 |
| 4 | Peak current(1s) | Arms | 30.4 |
| 5 | Resistance(line to line) | ohm | 1.7 |
| 6 | Inductance(line to line) | mH | 1.7 |
| 7 | Mass of forcer | kg | 5.0 |
| 8 | Back emf constant | Vrms/(m/s) | 34.4 |

| | | | | | | |
|--|---------------------|--------------------|--------------|------------------|--------------|--------------------|
| ROUGH % 8.0a ▽ | FIT % 3.2a ▽▽ | GRD 0.8a ▽▽▽ | SCALE 1:X | TYPE CUSTOMER | LMCF8 | DATE Jun.27.11' |
| TOLERANCE mm UP TO 6 30 120 300 600 1200 2400 2400 ±0.1 ±0.2 ±0.3 ±0.4 ±0.5 ±0.8 ±1.0 ±1.5 | | | | MATERIAL | HM13M10D6800 | DRN 許廷好 |
| HIWIN® MIKROSYSTEM CORP. | | | | PART NO | HM13M10D6800 | CHK 黃柏盛 |
| NAME Forcer unit | | | | DWG NO | M10D68 | APPD 張宇榮 |
| | | | | SHEET | A1 | 1-1 |