



HIWIN CONFIDENTIAL

機密文件未經許可，嚴禁複製

LMCF4 Specification

1	Cont. force	N	228
2	Cont. current	Arms	3.8
3	Peak force(1s)	N	912
4	Peak current(1s)	Arms	15.2
5	Resistance(line to line)	ohm	3.4
6	Inductance(line to line)	mH	3.4
7	Mass of forcer	kg	2.5
8	Back emf constant	Vrms/(m/s)	34.4

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

- 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 $\pm 10\%$ of tolerance
 - 5.Choosing the length of cable (L) in the table

	Part Number	L	Choosing the length of cable (L) in the table <input checked="" type="checkbox"/>
1	HM13FX4I0100	500	<input type="checkbox"/>
2	HM13FX4I0A00	600	<input type="checkbox"/>
3	HM13FX4I0B00	700	<input type="checkbox"/>
4	HM13FX4I0C00	800	<input type="checkbox"/>
5	HM13FX4I0D00	900	<input type="checkbox"/>
6	HM13FX4I0E00	1000	<input type="checkbox"/>
7	HM13FX4I0F00	1100	<input type="checkbox"/>
8	HM13FX4I0G00	1200	<input type="checkbox"/>

ROUGH % 8.0a V	FIT % 3.2a VV	GRD 0.8a VVV	SCALE 1:X	TYPE LMCF4	DATE Jun.24.11'
TOLERANCE mm UP TO 6 30 120 300 600 1200 2400 ±0.1 ±0.2 ±0.3 ±0.4 ±0.5 ±0.8 ±1.0 ±1.5				CUSTOMER	DRN 許廷好
				MATERIAL	CHK 黃柏盛
				PART NO	APPD 張宇榮
HIWIN® MIKROSYSTEM CORP.				NAME Forcer unit	DWG NO M10D64
				SHEET A1	1-1

ITEM	DATE	MODIFIED	DESCRIPTION	APPD