



ENCODER CONNECTIONS		
Pin	COLOR	SIGNAL
1	brn	A+
2	brn/blk	A-
3	gry	B+
4	gry/blk	B-
5	org	Z+
6	org/blk	Z-
7	yel	U+
8	yel/blk	U-
9	grn	V+
10	grn/blk	V-
11	wht	W+
12	wht/blk	W-
13	red	+5V
14	blk	GND
15		SHIELD

MOTOR CONNECTIONS		
Pin	COLOR	SIGNAL
1	yel	U
2	grn	V
3	blu	W
4	yel/grn	GND

Motor Specification	
Resistance	0.26 Ω±10%
Inductance	0.22 mH±20%
Voltage	24 VDC
Rated power	156 W
Rated Speed	3000rpm
Rated Current	8.7A
Rated Torque	0.5 Nm
Peak Current	25 A
Peak Torque	1.75 Nm
Ke(RMSL-L)	4.2 V/Krpm
Rotor Inertia	0.24Kg.cm <sup>2</sup>
Number of Poles	8
Weight	1.25 Kg

<b>POSITEC</b>		<b>PSM60-1530B8E1NL</b>		1:1