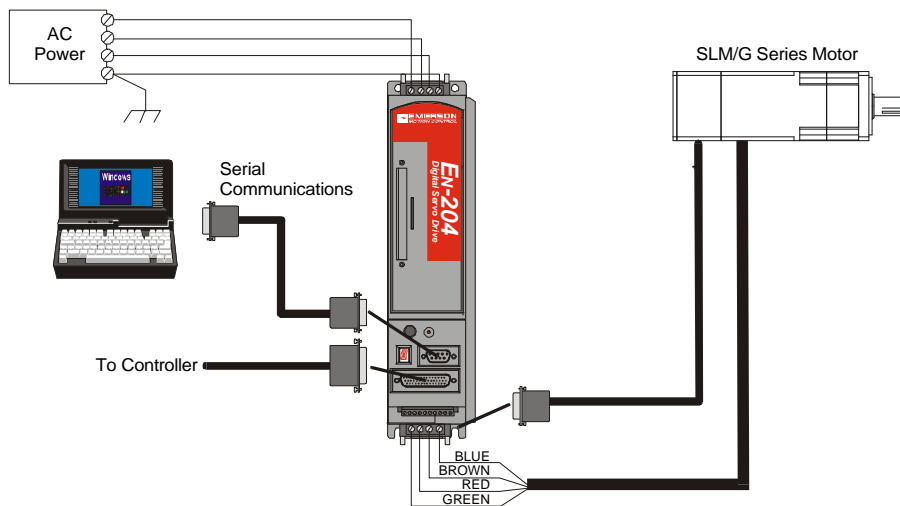


Basic SLM Series Parameter Settings for Exlar EN Series Amplifiers				
		SLM060	SLM090	SLM115
Number of Poles		8	8	8
Maximum Speed	RPM	5000	4000	3000
J_m	Lb-in-s ²	See Inertia Table in section 4.2		
Encoder Size	Lines	2048	2048	2048
Index Offset	Degrees	330	330	330
Hall Offset	Degrees	330	330	330

6.2a Emerson EN Series Drive and SLM Series Motor (B Connector Option)

SYSTEM OVERVIEW



Motor Cable (PC6-MC-XXX 060, 090 no brake lead) (PC7-MC-XXX size 115, no brake lead) (PC1-AC-XXX 060, 090 with brake lead) (PC7-AC-XXX size 115 with brake lead)			
Exlar Connector	Wire Color	Function	EN-XXX Connector
A	Brown	R Phase	R
B	Black	S Phase	S
C	Blue	T Phase	T
D	Green	GND	⊕
F	Blue/White	Brake -	
G	Blue	Brake +	

Encoder Cable			
Exlar Connector	Wire Color	Function of EN-XXX	J7 Connector
K	Red/Blue	Encoder Power	7
T	Blue/Red	Encoder COM	17
B	Blue	A+	1
C	Orange	A-	10
N	Green	B+	2
P	Brown	B-	11
M	Black	Z+	3
U	Yellow	Z-	12
E	White/Brown	U	4
F	White/Gray	V	5
G	Red/Orange	W	6
R	Brown/White	U-	13
S	Gray/White	V-	14
H	Orange/Red	W-	15
A	Red/Green	Therm Sw+	9
D	Jumper to T in Motor	Therm Sw-	17