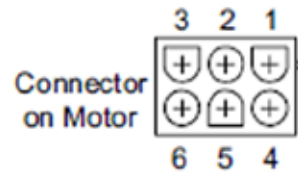
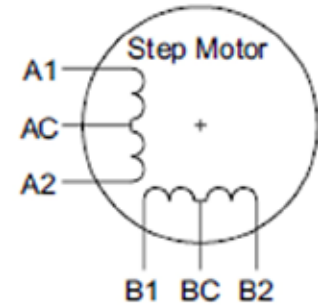


# Motor Wiring Diagram

## Motor Wiring (for Velmex installed step motors)

Pin	Motor	Cable (6 wire)	Slo-Syn	Vexta	Pacific Scientific*
1	BC	W	W	W	W/Y & W/R
2	B2	Gn	Gn	Bu	R
3	AC	Bk	Bk	Y	W/Bk & W/O
4	A2	Or	W/R	Bk	O
5	A1	R	R	Gn	Bk
6	B1	Bu	W/Gn	R	Y

\* 8 lead motor with wires combined at AC and BC for 6 lead configuration



Amp 1-480705-0  
(mates with: 1-480704-0 on Cable)

### Unipolar Full Step

Step	A1	A2	B1	B2	BC & AC
1	Gnd	N/C	Gnd	N/C	+V
2	N/C	Gnd	Gnd	N/C	
3	N/C	Gnd	N/C	Gnd	
4	Gnd	N/C	N/C	Gnd	
1	Gnd	N/C	Gnd	N/C	

CCW (-) ↓

↑ CW (+)

Gnd = Ground level  
N/C = No Connection  
+V = Motor label voltage or, current limited over-drive voltage

### Bipolar Full Step

Step	A1	A2	B1	B2
1	+	-	-	+
2	-	+	-	+
3	-	+	+	-
4	+	-	+	-
1	+	-	-	+

CCW (-) ↓

↑ CW (+)

+ = Positive current flow  
- = Negative current flow



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