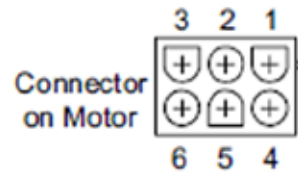
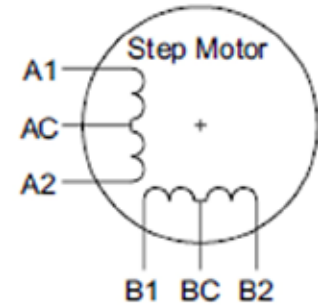


Motor Wiring Diagram

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



Positioning Systems for Science and Industry

Velmex, Inc.
 7550 State Routes 5 & 20
 Bloomfield, NY 14469-9389

TF: 1.800.642.6446
 P: +1.585.657.6151
 F: +1.585.657.6153

www.velmex.com
 info@velmex.com