**Snap-In Plastic Track** ( Included with IB-G)

Insert IB-G, bottom first, then snap in top.

**Non-metallic Standoffs** (Not included with IB-G)

Screw standoffs in place (8-32 thread or smaller).

**SETUP IB-G**

Install jumper to set control signal.

**MOUNTING INSTRUCTIONS**

**1**

Snap-In Plastic Track (Included with IB-G)

Screw track in place. (Screws NOT included.)

Non-metallic Standoffs (Not included with IB-G)

Screw standoffs in place (8-32 thread or smaller).
**SETUP IB-G**

Set dip switches for valve type and operation.

1596 steps / Bipolar  
2500 steps / Bipolar  
3193 steps / Bipolar  
6386 steps / Bipolar  
500 steps / Unipolar  
1596 steps / Unipolar

Note: The selection of “unipolar” will override dip switch No. 7: (1) 200 pps for “1596” step valves. (2) 30 pps for “500” step valves. Details of the other settings (5 valve direction, 6 responsive time, 7 valve opening/closing speed, and 8 close valve) can be found in the IB-G I/O manual.

**WIRE IB-G**

**WARNING:** Do not apply power to the IB-G until wiring is complete, and remove power before making any wiring changes.

**Bipolar Valve**

- 4-20mA or 0-10V Control Signal
- Digital Inputs: Black wire, White wire, Green wire, Red wire
- Winding A
- Winding B
- S+, S-, OPN, CLS, REF
- B, W, G, R
- Power
- 24V+, 24V-

**Unipolar Valve**

- 4-20mA or 0-10V Control Signal
- Digital Inputs: Orange wire, Grey wire, Yellow wire, Black wire
- B1, B2
- A1, A2
- M
- Power
- 24V+, 24V-

**Notes:**
- **Transformer requirements:** One stepper motor valve per IB-G (30 VA per IB-G board). Two stepper motor valves per IB-G (40VA per IB-G board). Only one unipolar valve can be driven per IB-G.
- **Power supply requirements:** One leg of the 24V supply must be connected to all of the IB-G boards at the “24V+” terminal. The other leg of the 24V supply must be connected to all of the IB-G boards at the “24V-” terminal. **3.5 in.-lbs. maximum torque on all screw terminals.**