Outputs can be measured between Y-OUT, X_OUT and CO-OUT for a differential output or between Y-OUT, X_OUT and GND for single ended output. Apply regulated +5 volts between the +5V and GND terminals. Magnet and Guide are optimized to provide a 2.5 +/- 0.2 volt at the X-OUT and Y-OUT outputs. As the magnet is rotated 360 degrees, the X and Y outputs will generate a SIN and COSINE voltage at the X and Y outputs respectively.