



## Adjustable Self Pulsing Coil



### **A low voltage electromagnet with built-in electronic switching.**

When a magnet approaches the top face of the device at any speed, the electromagnet coil is switched on for an adjustable time period. Magnet polarity is arranged so that a repulsive force is applied.

Primarily intended to accurately drive a clock pendulum, its special features are:

- Ironless core, does not disturb the pendulum swing
- Triggers at zero velocity, thus very slow and small amplitude swings are possible.
- Internally voltage stabilised, eliminating the effects of battery run-down.
- 5 turn trimmer for adjusting pulse time. Use to set pendulum amplitude.
- LED indicator shows activity and pulse width directly.
- Fully potted construction for reliability.
- Compact and self-contained . Dimensions 23mm diameter by 24mm overall height.
- 3V DC
- Includes M3x8 fixing screw + M3 solder tag for the +ve connection
- 8x1 neodymium actuating magnet.
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Note: For proper operation NON-MARKED (south pole) of magnet faces AWAY from the SPC  
Set air-gap 2-5mm.

If pendulum fails to swing properly even on max pulse width, increase mass of bob.