

**Operation:**

A small motor driving a winding drum is used to raise the maintaining weight of a clock mechanism. A magnet attached to the weight activates a reed switch when the weight nears the bottom of its travel.

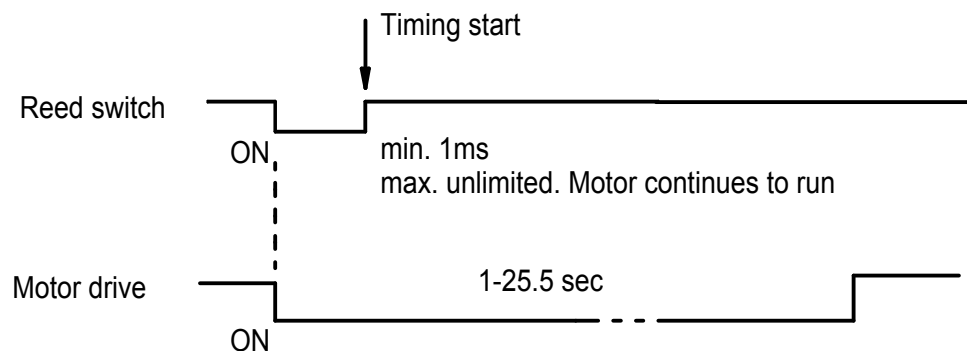
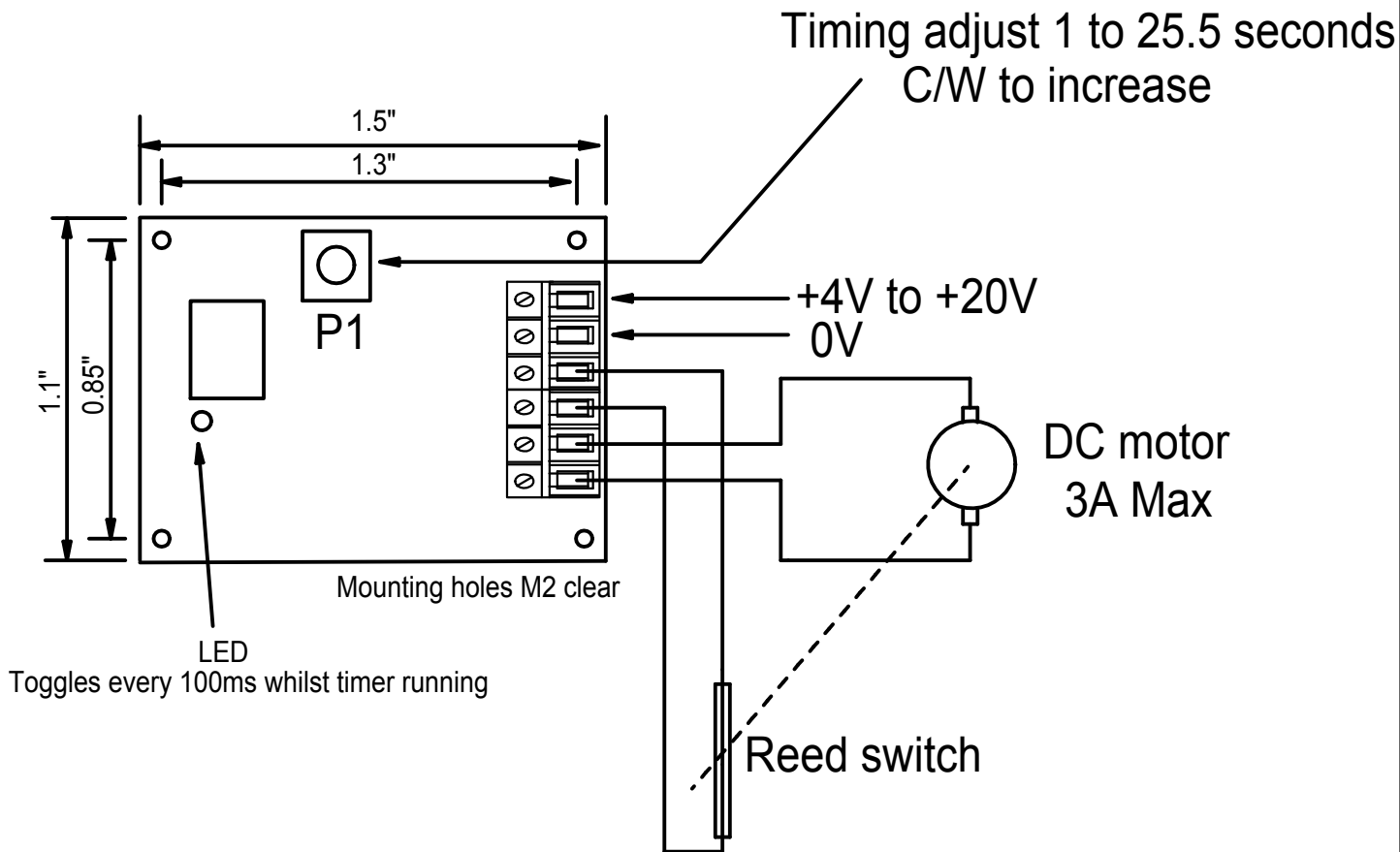
When the reed switch contacts close the circuit is activated and the motor starts, raising the weight. A timer starts when the magnet leaves the reed switch, running for a period set by P1.

When the timer expires, motor is switched off and the circuit goes back to sleep ready for the next cycle.

Supply voltage 4V to 20V

Maximum motor current 3A

Virtually nil current consumption when sleeping (<< 1uA)



1	8/10/16	Added wide range supply voltage capability
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DRWN jk	CHKD	Date 1 Sept 2016
DRWG 1 of 1	File MotorPulse2.fcw	REV2

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Motor controller for electric clock  
**Outline & Connections**