

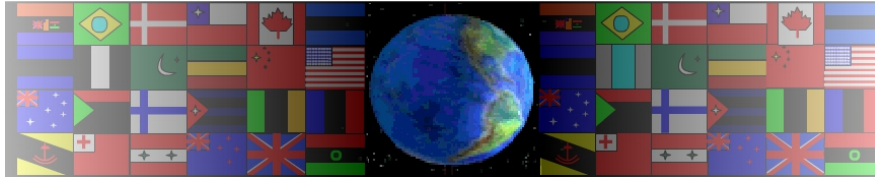
PIC-MICROCONTROLLER AND SENSOR

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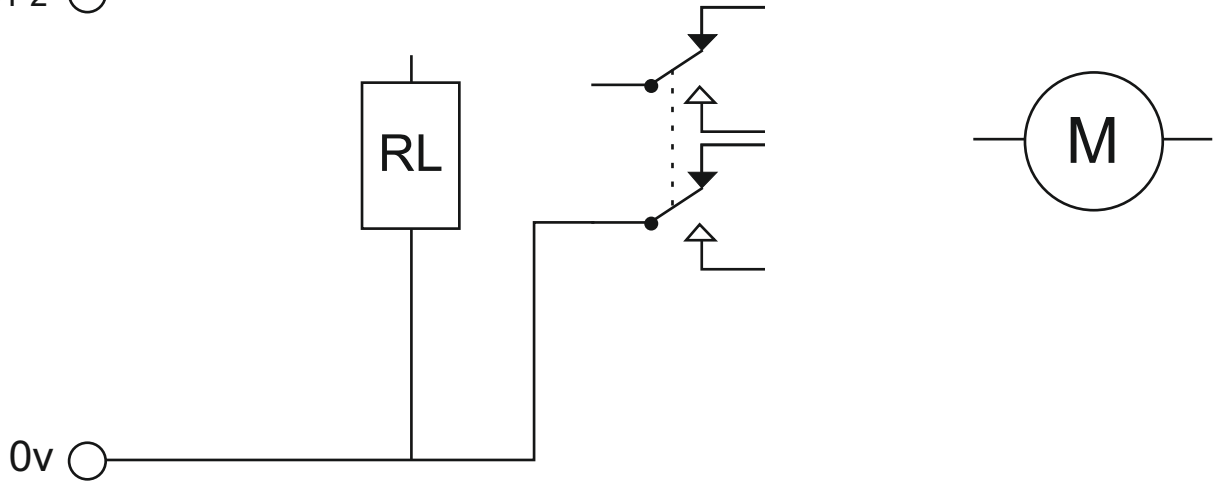
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PIC-MICROCONTROLLER AND SENSOR

The student has decided to use a PIC microcontroller to control the motor that raises and lowers the barrier. The student uses outputs 1 and 2 to control the motor. Output 1 will turn the motor on and off. Output 2 changes the direction of the motor. Complete the circuit below to show how the control of the motor can be achieved.

OUTPUT 1 ○ ———

OUTPUT 2 ○ ———



The student decides to use one of the inputs to detect when the barrier has completely opened.

Name a suitable sensor: _____

Explain how the sensor would be used.
