Connections

A Power indicator LED

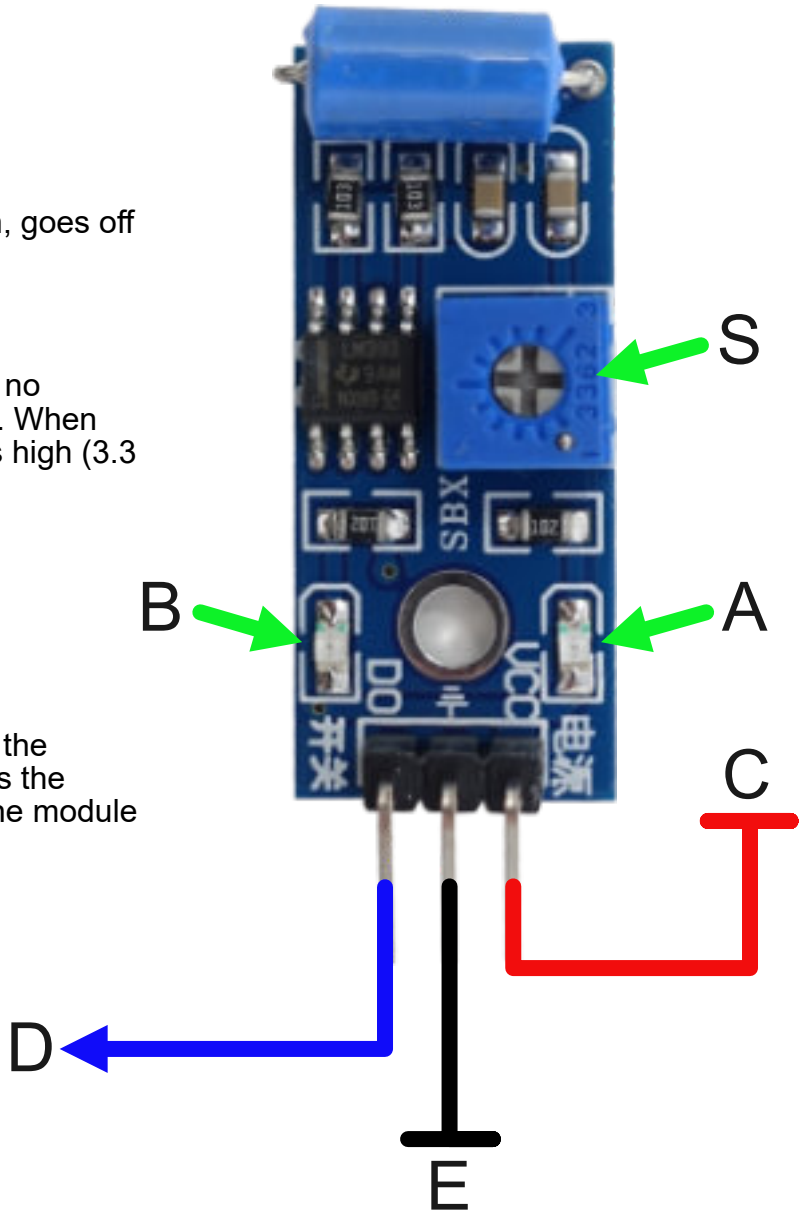
B Motion detection LED. normally on, goes off when motion is detected.

C +Ve Supply 3.3 or 5 volts.

D Logic output signal. When there is no motion the output will be Low (0V). When motion is detected the output goes high (3.3 or 5 volts).

E 0V GND

S Adjusts the detection sensitivity of the module. Turning clockwise reduces the sensitivity, anti-clockwise makes the module more sensitive.



This module will detect both motion and vibration. When motion or vibration is detected the output which is normally low (0V) goes high (either 3.3 volts or 5 volts depending on supply voltage).

Note Unless there is continuous motion or vibration the output will only be high for a short period. The signal should either be latched or detected using an Arduino or Raspberry Pi.

The unit may be operated on either 3.3 or 5 volts

Microminiatures Ltd
Unit 4 MB Site, Norwich Road, South Burlingham, Norwich, Norfolk NR13 4EZ
Telephone 01493 753 283 Fax 01493 751 724 Email sales@microminiatures.co.uk
www.microminiatures.co.uk