

PIEZO TRANSDUCERS

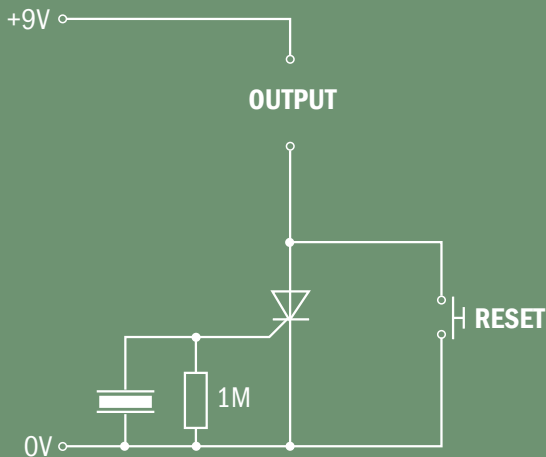
A piezo transducer is a device that generates a voltage when it is deformed. It also deforms when voltage is applied to it.

The uncased piezo (order code **35-0200**) makes an excellent transducer. If the piezo is tapped it will generate a small voltage, which is sufficient to trigger a circuit.



The piezo can be attached by gluing or double-sided tape. It is important to ensure that adhesive used provides uniform contact. To increase the sensitivity of the transducer it can be bonded to a thin sounding board. The diagrams below are two examples of how a piezo transducer can be used to trigger common circuits.

Piezo transducer triggering a thyristor.



Piezo transducer triggering a 555 monostable circuit.

