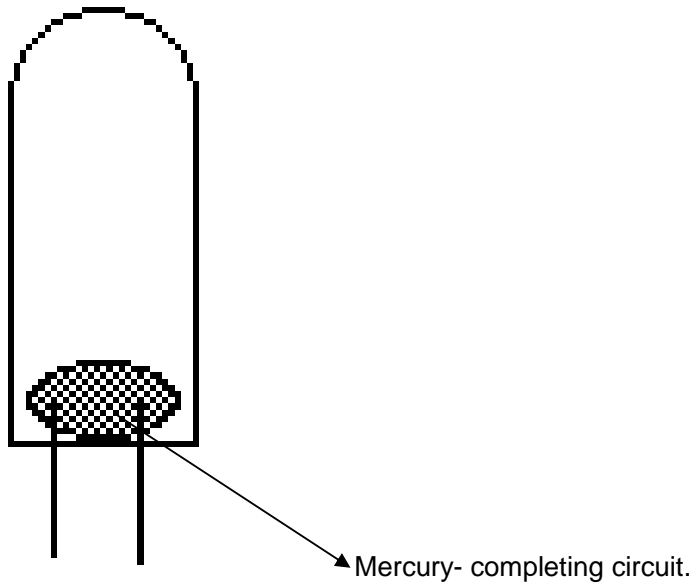


Mercury Tilt Switch



<http://www.youtube.com/watch?v=SRgHHu1TmWk&feature=related>

Tilt switches contain a conductive liquid and when tilted this bridges the contacts inside, closing the switch. They can be used as a sensor to detect the position of an object.

Mercury is a conductive metal, this means that electricity can flow through it. When the tilt switch is inactive the mercury in it is unlevel. When movement occurs the mercury levels out completing the circuit, and allows electricity to flow through it.