

## Application Information for Active Switch & Sensor Products.

***This data is supplied on the understanding that the information should be used as a general guide to each switch/sensor technology. For information on specific applications please contact us direct and we will be pleased to supply you with standard or custom products.***

### Ball Contact

**Application:** Used in Motion, Movement, Tilt/Tip, Shock and Vibration switches.

**Output:** Momentary break or make switch contact.

**Features:** Low cost, small size, wide range of sizes.

These products use a simple gold plated ball and electrode contacts. In motion, movement and tilt/tip applications the gold plated ball contact moves freely within a plastic or metal housing. When the ball connects with the electrode a circuit is made between the electrode and housing. Most switches have a second electrode attached to the housing for easy soldering. These switches tend to be very sensitive to shock or vibration so the contact ball on shock and vibration switches is normally spring loaded and factory set to a standard specification.