

Product Code: 200375

4mm Mercury Tilt Switch:

Specifications:

Length: 19~21mm

Diameter: 4mm

Switch Mode: Upright Closed

Contact Angel: $5^{\circ} \sim 10^{\circ}$

operating Voltage: 20V

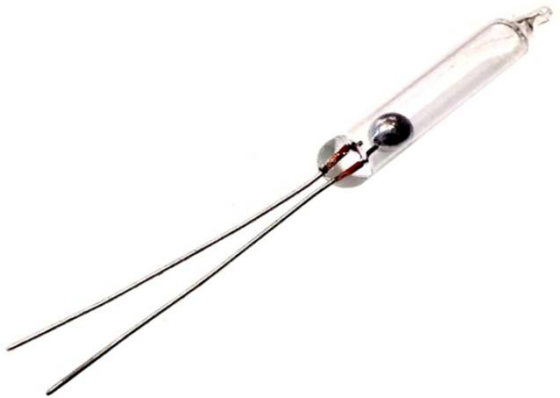
Current: 300mA

Switching Capacity (Resistive) Max VA = 5

Temperature Range: $-38^{\circ} \sim 300^{\circ}\text{C}$

Contact resistance: 30m Ω

Mercury Weight: 170mg



NOTE: Please note this product contains a small amount of Mercury and therefore must not be opened, hazardous to your health

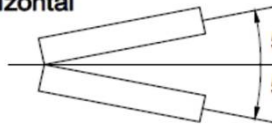
These switches operate when tilted from the horizontal position.

The switch movement required to cause contact change (example off to on) is called the differential angle. It is very important when designing a tilt switch to allow for the differential angle and understand that when in the horizontal position the switch contact may be open or closed.

This module operates with the housing in any orientation.

Unless specified these switches can be used with both AC and DC loads. For DC loads reduce the rating to 70%

Horizontal



Contact Open

5°

Differential
angle

Contact Closed

Applications: Lower power tilt safety switching.

Over tilt warning system.

Security alarm system.

Appliance safety cut off.

