

SENSOR VIBRATION SWITCH

Model:SW-18010P



Function:

1.Vibration detecting

Applications

1.Security devices

2.Toys

3.Electronic scales

Features:

1.SW-18010P series are spring type, no directional vibration sensor trigger switch, any angle can trigger

2.Switch is open circuit OFF-state , when it is static, when external force to touch and corresponding vibration, or movement speed achieve adequate (partial) centrifugal force, conductive pick feet will produce instant conductivity is instant ON-state, when external force disappear, switch back to open circuit OFF-state.

3.Switch have the identification P at the bottom, for completely airtight;

4.In the normal, switch life can reach 20,0000 cycles lifespan

5.This series Switches have trigger high sensitivity

6.Apply to security devices toys electronic scales products

Electrical characteristics:

- Voltage: <12V

- Current: <20mA

- Conductive time: 2ms

- Closed resistance: <30 ohm

- Open resistance: >10M ohm

Mechanical characteristics:

- Temperature range: Storage: -40°C to 80°C, Operating: -40°C to 80°C
- Pull force of terminal: 500gf for 1 minute
- Humidity: 95% RH, 40°C for 96 hours
- Operating lifespan: 100,000 cycles

Bill of Material:

- Tube: ABS777D
- Guide pin: brass tube, gold-plated
- Spring: Stainless steel / Phosphorus copper wire
- Sealing glue: Epoxy resin
- Heat shrinkable tube: PET, black/gray

Welding Characteristics:

- Solder tin, tin content 100%
- Welding humidity: 260°C ±10°C
- Welding time: 2-2.5 seconds
- Do not use strong acid alkali flux
- Packaging: 1000PCS/bag (PVC plastic)

Note:

- 1.If the product used for high security products and durability of extremely high equipment (such as life safety equipment, aviation facilities, disaster prevention device), please confirm whether a share, can seek advice our company for details
- 2.In case of fire, Please do not overload applicable,
- 3.The welding temperature or time more than standard, can cause switch collapse
- 4.Do not use water solubility flux. May cause damage to the switch
- 5.Do not use solvent wash switch
- 6.This switch conduction rate of 98% (conductivity rate per 100 times value switch actions, can good conduction ratio)

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