

Push Switch SW-101-2P

Feature

- ◇ Light operating force.

Applications

- ◇ 8mm Video camera



Actual size

Zoom

Products Line

No	Products No	Poles	Positions	Operating force
1	SW-101-2P	3	1	MAX 0.3N

Typical Specifications

Items	Specifications
Ratings	0.2mA 5VDC
Contact resistance	1 ohm max.
Insulation resistance	50 megohm min
Withstanding voltage	250V AC 1 min
Operating life	10,000 cycles

Dimensions

Unit : mm

No	Style	Circuit Diagram (TOP VIEW)
1	<p>SW-101-2P</p>	<p>(Knob No)</p> <p>(1) (2) (3)</p> <p>(Terminal No)</p>

□ Notes

1. The appearance and specifications of the product may be modified to improve its performance without prior notice.
2. This catalog shows only outline specifications. When using the product, please obtain formal specifications.
3. Regardless of the applications of these products being introduced in this catalog, when using them for equipments and devices requiring a high degree of safety, respective manufacturers shall preserve the safety of the planned equipments and devices by providing necessary protective and redundancy circuits and reconfirm if safety is being duly preserved.
4. Products being introduced in this catalog have been designed and manufactured for the applications to ordinary electronic equipments and devices such as AV equipments, electric home appliances, office machines and communication equipments. Consequently, when using these products for the applications requiring a high degree of safety and reliability such as medical equipments, aviation and aircraft equipments, space equipments and burglar alarm equipments, the manufacturers shall thoroughly study the proprieties of these products for the planned applications.
5. Although we are exerting our best efforts to maintain the quality of these switches, we cannot guarantee that they will never cause short-circuit and open circuitry. Therefore, when designing an equipment or device of which priority is the safety, you shall carefully study the influences to the whole equipment of a single function failure of a switch in advance to make out a fail-safe design providing necessary protective circuits.
6. The general-use switches cannot be washed. If the switch is washed, the lubricating oil on contacts and mechanical portions may flow out and also detergent remains inside the switch, these may be the factors to cause intermittent contact, insulation fault and withstanding voltage fault. If you need the cleaning, please select the washable switch.
7. The printed circuit board and outer material of switch are normally non-flame resisting. If you need flame resisting material, please select the proper class to meet your application.
8. Please confirm the performance on actual operation by simulation with actual environment for high reliability.

□ Electric specifications

9. Please check your operating condition in the specification sheets and catalogue and follow the specified ratings and cautions in using the switches, for the applicable ratings, load and contact resistance varies with the style and structure of switch.
10. The load of the switching in the secondary circuit is based on the resistive load with direct current. If you use other loads [inductive load (L), capacity load (C), etc.], please consult with us.
11. Select the switch ratings with enough allowance (rush current, steady state current) against operating voltage of the set.
12. Switches with mechanical contacts have the phenomenon that occurs instantaneous on and off (chattering and bouncing) on contacts during changeover and also the same phenomenon during stationary position by the external factors (shock and vibration), special consideration for contact chattering and bounce shall be necessary when designing digital circuits and software.
On off time of contacts during chattering and bouncing varies with the structure of switch and please confirm it in the formal specifications. Also, as to threshold voltage, center setting is recommended.
13. Usage of switch with voltage below 1V DC or current below 10 microampere may make contacts unstable.
When using these switches in this way, please use gold plated contacts or consult with us beforehand.