

G16 Series

Swing Rotary Switch



■ Features

- Water and Dust Proof(IP67)Design
- Long Life, High Reliability
- Variety of PCB Terminals and Solder Terminals
- Mounting post could be $\phi 2.0$ and $\phi 2.4$, post distance could be 9.5mm, 12mm and 12.5mm
- Bidirectional Conduction Design
- Mini Size, could be used in tight space

■ Application

◆ Car

◆ Industrial Control

■ Parameters

Rating		0.1A 12VDC
Operating Frequency	Electrical	20 cycles/min.
	Mechanical	30 cycles/min.
Contact Resistance(Initiative)		200m Ω Max.
Insulation Resistance(at500VDC)		100M Ω Min.
Vibration durability		10~55Hz, Amplitude 1.5mm
Shock Resistance		Acceleration 98m/s ² , Time 11ms
Voltage Resistance	Between Terminals	500VDC 50-60Hz 1min
	Between terminals and housing	1000VAC 50-60Hz 1min
Service Life	Electrical	100,000 cycles
	Mechanical	100,000 cycles
Operating Force		200gf Max
Storage Temperature		-40℃~+85℃
Storage Humidity		85%RH Max
Unit weight		1.6g

G16 Series Rotary Switch Ordering Instruction

G16	01	200	E	00	A	00	A
Switch Type	Electrical Rating	Max Operating Force at Swing Arm	Terminal Type	Lever Type	Circuit Code	Posts Type	Posts Center Disance
G16 Series Micro-Switch	01 0.1A 12VDC	200 200gf Max	A 6# Straight PCB Terminals	00 Swing Arm	A SPDT-N0	00 Posts: $\phi 2.0 \times 2.0\text{mm}$	A 9.5mm
...	Other	Other	B 6# Vertical Type Straight PCB Terminals	... Other	... Other	01 Posts: $\phi 2.4 \times 2.7\text{mm}$	B 12.0mm
			C 13#Straight PCB Terminals			...	C 12.5mm
			D 13#Vertical Type Straight PCB Terminals				Other
			E No-hole solder Terminals				...
			F Vertical Type No-hole solder Terminals				Other
			... Other				...

Terminal type

A: 6#Straight PCB Terminals	B: 6# Vertical Type Straight PCB Terminals
C: 13#Straight PCB Terminals	D: 13#Vertical Type Straight PCB Terminals
E: No-hole solder Terminals	F: Vertical Type No-hole solder Terminals