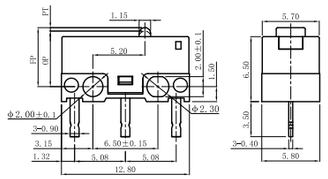
Dimensions and Operating Characteristics

◆G10A□□-□P00A

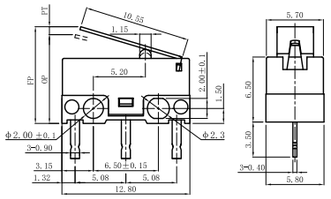




OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	150	20	0.65	0.2	0.2	6.0	5.5±0.3

◆G10A□□-□P01A

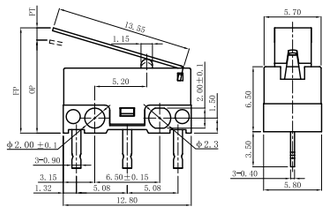




OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	60	10	2.5	0.3	0.6	9.0	6.65±0.9

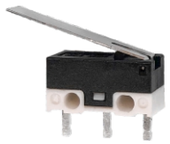
◆G10A□□-□P02A

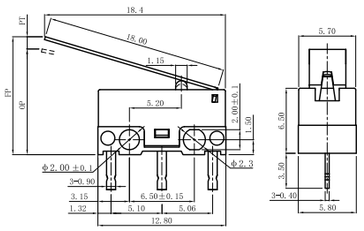




OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	50	8	3.4	0.3	0.8	9.5	7.0±1.2

◆G10A□□-□P03A

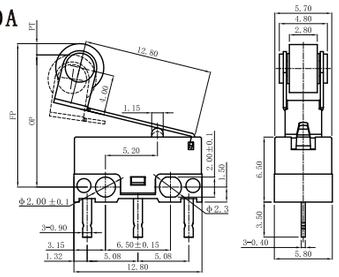




OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	50	5.0	4.0	0.5	1.0	10.0	7.5±1.5

◆G10□□-□P10A





OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	50	6	5.5	0.3	0.8	16.5	13.0±1.5

G10B Series

Subminiatrue Sealed Micro Switch



Features

-Designed For Water and Dust Tighe(IP67)
-Small Compact Size
-Long Life and High Reliablity
-Variety of Levers Optional
-Widely used in Automotive Electronics,Appliance and Industrial Control etc.

Application

◆ Car
◆ Air-conditioner
◆ Communication
◆ Home Appliance
◆ Charging Pile
◆ Charging Gun

Parameters:

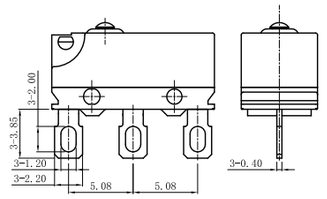
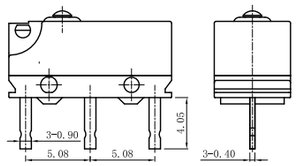
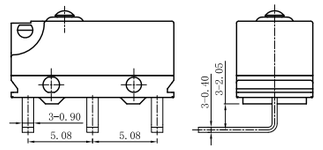
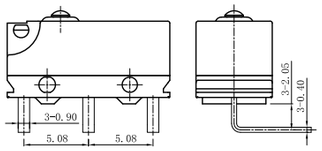
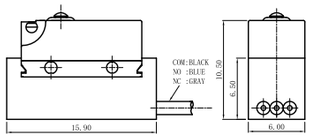
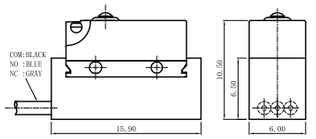
Rating	P1	0.1A 125/250VAC 30VDC
	03	3A 125/250VAC 30VDC
Operating Frequency	Electrical	10～30 cycles/minute
	Mechanical	120 cycles/minute
Contact Resistance(Initiative)		100mΩ Max
Insulation Resistance(at500VDC)		At500VDC,100MΩ Min
Dielectric Strength		AC 600V RMS (50-60Hz)
Storage Temperature		-40℃～+85℃
Storage Humidity		85% RH Max
Service Life	Electrical	10,000 cycles
	Mechanical	300,000 cycles

G10B Series Micro Switch Ordering Instruction

G10B	Switch Type	G10B Series Micro-Switch		
03	Electrical Rating	P1	ENEC/CQC 0.1A 125/250VAC 30VDC 40T85 μ 1E4 UL/CUL: 0.1A 125/250VAC 30VDC	
		03	ENEC/CQC 3A 125/250VAC 30VDC 40T85 μ 1E4 UL/CUL: 3A 125/250VAC 30VDC	
150	Max Operating Force at Pin Plunger	150	150gf Max	
		...	Other	
S	Terminal Type	S	Solder Terminals	
		P	Straight PCB Terminals	
		Q	Snap in PCB Terminals	
		E	Molded lead wires downwards	
		G	Molded lead Wires Leads to Left Side(Pin plunger side)	
		F	Molded lead Wires Leads to right Side(Opposite to Pin plunger side)	
		...	Special Terminals	
01	Lever Type	00	No Lever Pin Plunger	
		02	02# Std. Straight Lever	
		03	03# Long Straight Lever	
		...	Other	
A	Circuit code	A	SPDT	
		B	SPST-NC	
		C	SPST-NO	
300	Wires length (AWG Number UL1007 AWG Type 24#)	300	300mm length standard wires 300mm	
		100	100mm length	
		...	Other	
T001	Custom code	General		
		...	Other	
U	Logo	ZING EAR		
		U	Unionwell	
		...	Other	

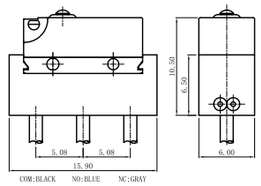
Terminal Type

◆Terminal thickness:0.4mm

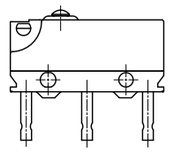
Straight Solder Terminals	Straight PCB Terminals
	
PCB Left Terminals	**PCB Right Terminals**
	
Wires Leads to right Side(Opposite to Pin plunger side)	**Wires Leads to left Side(Pin plunger side), length:300mm**
	

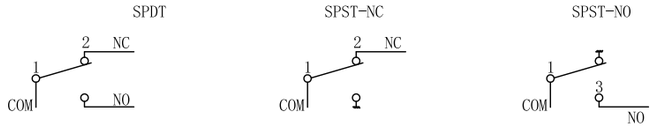
Terminal Type

Wires Leads to Bottom(300mm length)

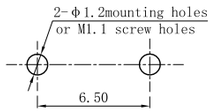
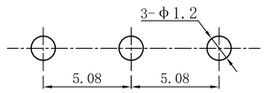
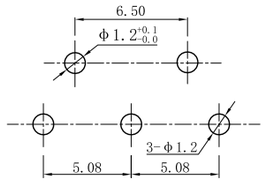


Circuit





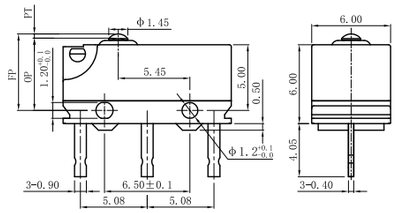
Mounting Hole Dimension

Mounting Hole Dimension	Mounting Hole Dimension of PCB Terminals
Mounting holes 	
Left and Right PCB Terminal Mounting Hole Dimension	
	

Dimensions and Operating Characteristics

◆G10B□□-□□□P00A

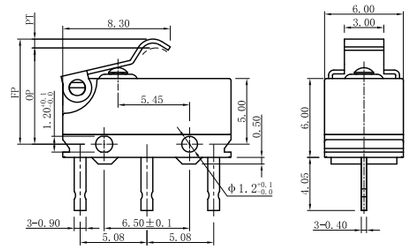




OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	150	20	0.65	0.2	0.2	6.1	5.5±0.3

◆G10B□□-□□□P02A

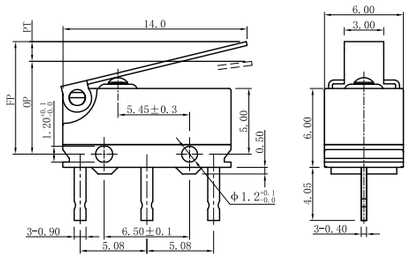




OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	90	15	1.50	0.3	0.7	8.7	7.5±0.6

◆G10B□□-□□□P03A





OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	50	8	3.4	0.3	0.8	8.8	6.8±1.0