G10B



超小型防水防尘微动开关

Subminiatrue Sealed Micro Switch

■特点/Features

◆ 防水防尘（IP67 ）设计
◆ 体型小巧,结构紧凑
◆ 长寿命,高可靠性
◆ 配备各种形式操作柄
◆ 广泛应用于汽车控制、家电控制、工业控制等领域家用及工业控制等领域

-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.

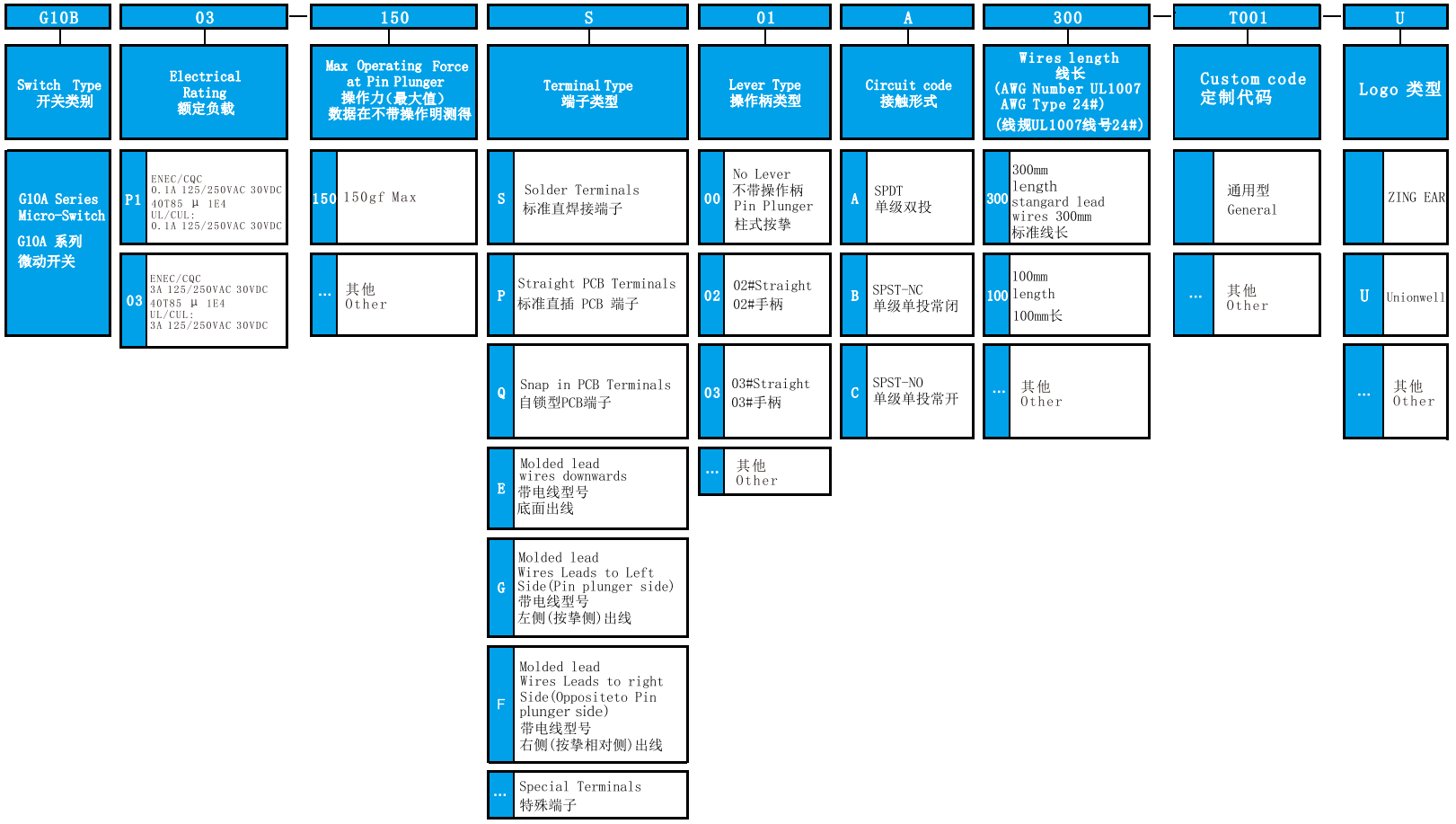
■应用/Application

◆ 汽车/Car
◆ 空调/Air-conditioner
◆ 通讯 /Communication
◆ 家用电器 /Home Appliance
◆ 充电桩/Charging Pile
◆ 充电枪/Charging Gun

■特性参数/Parameters:

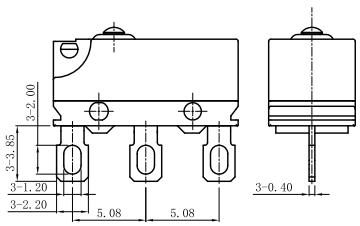
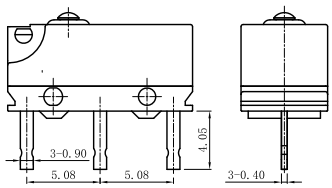
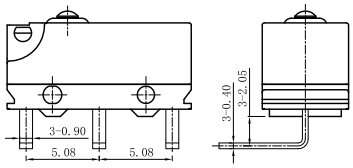
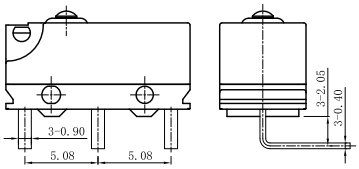
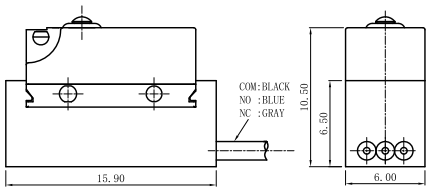
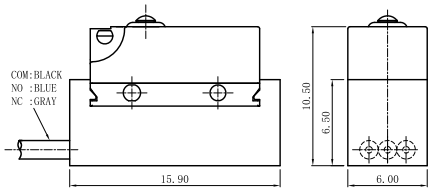
额定值/Rating	P1	0.1A 125/250VAC 30VDC
	03	3A 125/250VAC 30VDC
操作频率 Operating Frequency	电气 /Electrical	10～30次/分钟 cycles/minute
	机械 /Mechanical	120次/分钟 cycles/minute
初始接触电阻 /Contact Resistance(lnitiative)		100mΩ Max
绝缘电阻/Insulation Resistance(at500VDC)		在500VDC 时/At500VDC,100MΩ Min
抗电强度/Dielectric Strength		AC 600V RMS (50-60Hz)
保存温度 /Storage Temperature		-40℃～+85℃
保存湿度/Storage Humidity		85% RH Max
寿命/Service Life	电气 /Electrical	10,000次/cycles
	机械 /Mechanical	300,000次/cycles

G10B 系列微动开关订货型号指引
G10B Series Micro Switch Ordering Instruction



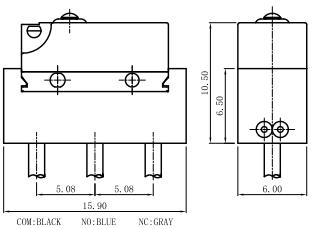
■端子类型/Terminal Type

◆端子厚度为 0.4mm/Terminal thickness:0.4mm

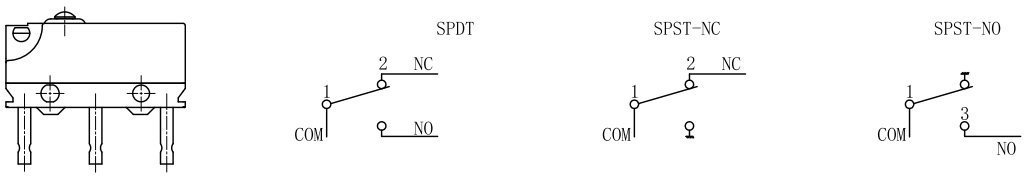
S型/Type:直焊接端子 Straight Solder Terminals	P型/Type:直插PCB端子 Straight PCB Terminals
	
L型/Type:左侧PCB端子 PCB Left Terminals	**R型/Type:右侧PCB端子 PCB Right Terminals**
	
F型/导线型:右面(按摯相对侧)出线,线长300mm Wires Leads to right Side(Opposite to Pin plunger)	**G型/导线型:左面(按摯侧)出线,线长300mm Wires Leads to left Side(Pin plunger side),length:300mm**
	

■端子类型/Terminal Type

E型/导线型,底面出线,线长300mm
Wires Leads to Bottom(300mm length)



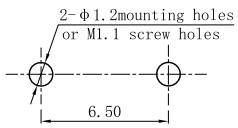
■电路图/Circuit



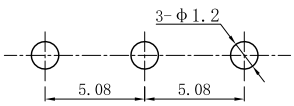
■安装孔尺寸/Mounting Hole Dimension

安装孔尺寸/Mounting Hole Dimension

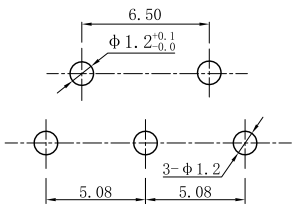
Mounting holes



PCB端子安装孔尺寸
Mounting Hole Dimension of PCB Terminals

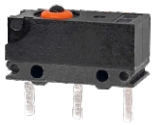


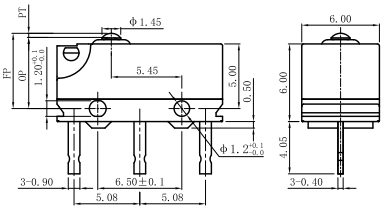
左右PCB端子安装孔尺寸/
Left and Right PCB Terminal Mounting Hole Dimension



■ 外形尺寸和操作特性/Dimensions and Operating Characteristics

◆G10B□□-□□□P00A

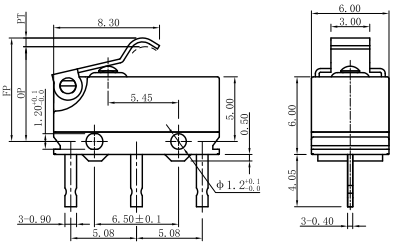




OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	150	20	0.65	0.2	0.2	6.1	5.5±0.3

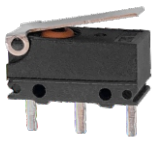
◆G10B□□-□□□P02A

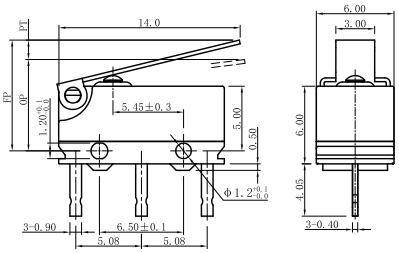




OF Max. (gf)		RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
-150	90	15	1.50	0.3	0.7	8.7	7.5±0.6

◆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