

G11系列 / G11 Series

防水防尘型双断点微动开关 Sealed DPDP Limit Micro Switch



■ 特点/Features

- ◆ 体型小巧，结构紧凑
- ◆ 长寿命，高可靠性
- ◆ IP67防水防尘设计
- ◆ 双断型转换机构
- ◆ 多种安装方式和操作类型
- ◆ 广泛应用于工业控制等领域

Contact Size and Tight Configuration
Long Life, High Reliability
Dust and Water Proof Design (IP67)
DPDT Double-Break Type
Variety of Mounting Method and Operation Type
Widely used in Industry Control, etc.

■ 应用/Application

- ◆ 电动执行器
- ◆ 阀门控制
- ◆ 电站控制
- ◆ 工业自动化控制
- ◆ 核电设施
- ◆ 汽车生产线

Electrical Actuators
Valve Control
Power Station Control
Industrial Auto Control
Nuclear Power Facilities
Automobile Production Line

■ 特性参数/Parameters

额定值Rating	05	0.5A 250VDC
		0.5A/5A 250VAC
操作频率 Operating Frequency	电气/Electrical	10 ~ 30 次/分 cycles/minute
	机械/Mechanical	120 次/分 cycles/minute
触点电阻 (初始值) /Contact Resistance (Initiative)		最大30 ~ 100mΩ (取决于类型,不含电线电阻) /30 ~ 100mΩ Max (Depends on P/Ns, wire resistance exclude)
绝缘电阻/Insulation Resistance		在500VDC 时, 100MΩ Min./100MΩ Min(at 500VDC)
抗电强度/Dielectric Strength		AC 750V RMS (50-60Hz)
保存温度/Storage Temperature		-25° C ~ +85° C
保存湿度/Storage Humidity		85%RH Max
寿命/Service Life	电气/Electrical	50,000 次 cycles (取决于类型/Depends on P/Ns)
	机械/Mechanical	2,000,000次 cycles
单重/Unit Net Weight		约110g (八线型) Approx. 110g(8 wires)

G11系列微动开关订货号指引 G11 Series Micro Switch Ordering Instruction

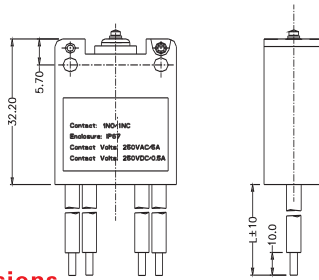
G11	05	350	00	D	01	E1	XX	XX
开关类别 Switch Type	额定电流 Electrical rating	操作力(最大值)数据在不带 操作柄时Max. Operating force at pin plunger	操作柄类型 Lever type	接触形式 Circuit code	安装孔尺寸 Mounting hole dimension	出线类型 Wire type	特别设计代码 Special designator	特别设计代码 Special designator
G11系列微动开关 G11 Series Micro switch	0.5A 250VDC 0.5A/1.25A 250VAC 5E4 0.25TR5 (仅适用于四线八线 开关/Only for switches with 4 or 8 wires)	350g max (适用于四线开关only for switches with 4 wires INO/INC)	00 不带操作柄 柱式接拳 Pin Plunger	D 双断点型	01 5.7mmX e 3.1mmX19mm	E1 底面出线 Wires leads to the bottom 线长780mm Wire length:780mm UL1015 AWG18 (NO黑色/NO black/NC棕色 NC brown)	通用型 General	此处为特别设计代 码，具体请参考产 品规格书来确定详细 的差别。 Here means special designator letter, refer to product specification for details.
	450 其他 Other	450g max (适用于八线开关only for switches with 8 wires 2NO/2NC)	01 直手柄 Straight lever 宽70mm*长24mm 70mm wide* 24mm long	E DPDT-NO 双断点常 开型	02 6.7mmX e 3.1mmX14mm (适用于四线型开关 only for switches with 4 wires, INO /INC)	F1 底面出线 Wires leads to the bottom 线长570mm Wire length: 570mm 60227IEC 96(RV) (NO/NC)		
	...	其他 Other	02 直手柄 straight lever 宽77mm*长32mm 77mm wide* 32mm long	F DPDT-NC 双断点常 闭型	03 5.7mmX e 3.5mmX16mm- e 3.0mmX7mm (适用于四线型开关 only for switches with 4 wires, INO /INC)	G1 底面出线 Wires leads to the bottom 线长400mm wire length: 400mm UL1015 18A W.C (线材颜色: 红/蓝/黑/棕, 外圈 加套PVC柔性套管, wire color: red/blue/black/brown, add PVC tube)		
			03 滚轮手柄 Roller lever			其它线材可根据客户要求定制 others (wire material could be customized)
			...					其他 Other

ZING EAR

■ 出线类型 With Wire Type

◆ 线长规格可按客户要求定制 Wire length could be Customized

底面出线型
wire leads to bottom



■ 安装孔尺寸/Mounting Hole Dimensions

(单位Unit: mm)

01型安装孔/01# Mounting Hole 5.7mmX ϕ 3.1mmX19mm	02型安装孔/02# Mounting Hole 6.7mmX ϕ 3.1mmX14mm	03型安装孔/03# Mounting Hole 5.7mmX ϕ 3.5mmX16mm_ ϕ 3.0mmX7mm

■ 操作柄类型 Lever type

00#不带操作柄 Without lever	01#：直手柄(宽10mm*长24mm) 01#：Straight lever(10mm width*24mm length)
02#：直手柄(宽7mm*长32mm) 02#：Straight lever(7mm width*32mm length)	03#：滚轮手柄 03#：Roller lever

■ 接触型式 Circuit Configuration

DPDT 1NO+1NC	DPDT 2NO+2NC

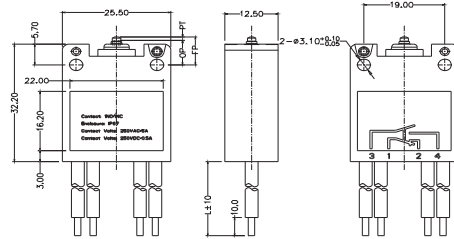
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■外形尺寸和操作特性/Dimenstions and Operating Characteristics

◆G1105-35000D01 □



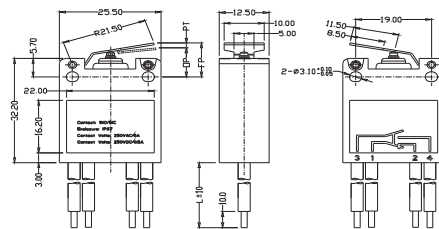
OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP(mm)
350	40	1.30	0.25	0.45	8.6	7.0 ± 0.3



◆G1105-35001D01 □



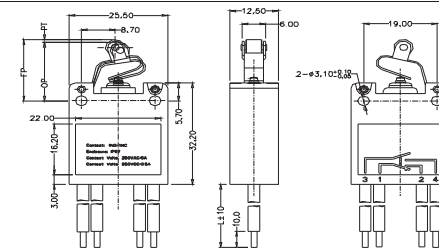
OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP(mm)
200	10	3.00	0.3	1.3	12.8	8.9 ± 0.9



◆G1105-35003D01 □



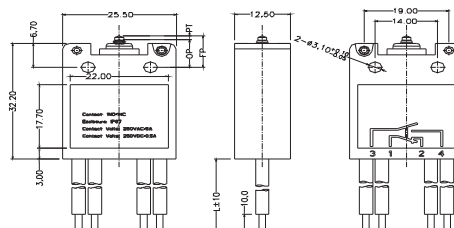
OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP(mm)
450	40	3.00	0.3	1.3	23.0	19.0 ± 1.0



◆G1105-35000D02 □



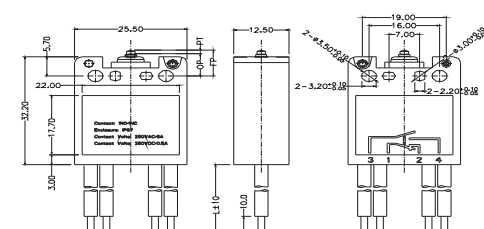
OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP(mm)
350	40	1.30	0.25	0.45	9.6	8.0 ± 0.3



◆G1105-35000D03 □



OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP(mm)
350	40	1.30	0.25	0.45	8.6	7.0 ± 0.3



◆G1105-45000D01 □



OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	MD Max. (mm)	FP Max. (mm)	OP(mm)
450	50	1.30	0.25	0.45	8.6	7.0 ± 0.3

