



A4				 <b>台普</b> <b>ROCPCU</b>	COMMON TOLERANCE X.XX $\pm 0.10$ X.X $\pm 0.15$ X $\pm 0.25$ ANGULAR    —	UNIT	MM	PROJECTED		PRODUCT NAME:	
A3						DRAWN BY	SHUHAO	CHECKED BY	COCO	MODEL NO: TP91908G <input type="checkbox"/> <input type="checkbox"/>	
A2						DATE	2019	APPROVAL B	ALEN	Https: <a href="https://www.rocpcu.tw">www.rocpcu.tw</a>	
A1						<b>ROCPCU TECHNOLOGY CO., LTD</b>					
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# TP91908G

## Operation method

- 1: Self-locking
- 2: Self-compound

## Material

- A: Aluminum alloy
- S: Stainless steel
- B: Brass

## 连接形式



- 1. Welding temperature of wire:  $320 \pm 20$  °C  
 线材焊接温度:  $320 \pm 20$  °C  
 Wire welding duration: less than 3 seconds  
 线材焊接时长: 时长3秒以下
- 2. Can be used with dedicated connectors:  
 可配专用接插件使用:  
 2.1 Switch function wire: Green Line (C), blue Line (NO), yellow Line (NC)  
 开关功能线材: 绿线(C)、蓝线(NO)、黄线(NC)

## 性能参数

- 1. Heating current:  $U_i$ : AC250V,  $I_{th}$ : 5A  
 发热电流:  $U_i$ : AC250V,  $I_{th}$ : 5A
- 2. Rated current: 3A/DC36V  
 额定电流: 3A/DC36V
- 3. Power-frequency withstand voltage: 2000V/1min  
 工频耐压: 2000V/1min
- 4. Insulation resistance:  $\geq 1000M\Omega$   
 绝缘电阻:  $\geq 1000M\Omega$
- 5. Contact resistance:  $\leq 50m\Omega$   
 接触电阻:  $\leq 50m\Omega$
- 6. Pressing stroke:  $3.00mm \pm 0.10$   
 按压行程:  $3.00mm \pm 0.10$
- 7. Contact stroke:  $1.50mm \pm 0.10$   
 接触行程:  $1.50mm \pm 0.10$
- 8. Nut assembly torque: 5-14N



## 螺帽装配力矩: 5-14N

- 9. Protection level: IP67  
 防护等级: IP67
- 10. Explosion prevention level: IK10  
 防暴等级: IK10
- 11. Working environment temperature:  $-20$  °C ~  $+55$  °C  
 工作环境温度:  $-20$  °C ~  $+55$  °C
- 12. Compression torque:  $\leq 4N$   
 按压扭力:  $\leq 4N$
- 13. Electrical life: 500000 cycles  
 电气寿命: 500000 cycles
- 14. mechanical: 500000 cycles  
 机械寿命: 500000 cycles
- 15. NO reverse thrust foot torque:  $\leq 30N$   
 NO反推脚扭力:  $\leq 30N$

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	A		B		C		D	E	F	G	

NO 序号	Part name 部件名	Material 材料	QTY 数量	Remark 备注
1	Key 按键	SUS/Aluminum alloy/Brass 不锈钢/铝合金/黄铜	1	
2	Housing 外壳	SUS/Aluminum alloy/Brass 不锈钢/铝合金/黄铜	1	
3	Oring O型圈	Silica gel 硅胶	1	
4	Arm nut 固定螺帽	Brass 黄铜	1	nickeling 镀镍
5	LED Base LED基座	PC 塑料	1	
6	Contact material 接触材质	silver alloy 银合金	1	Silvering 镀银
7	Pin 引脚	Brass 黄铜	1	gold-plating 镀金
8	Base 底座	PA46	1	

材质参数

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