


A4					 <b>台普</b> <b>ROCPCU</b>	COMMON TOLERANCE		UNIT	MM	PROJECTED		PRODUCT NAME:
A3				X.XX		± 0.10	DRAWN BY	SHUHAO	CHECKED BY	COCO	MODEL NO:TP91953P□□	
A2				X.X		± 0.15	DATE	2019	APPROVAL B	ALEN	Https: www.rocpcu.tw	
A1				X		± 0.25	ROCPCU TECHNOLOGY CO.,LTD					
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# TP91953P

## 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 ± 20  
 线材焊接温度: 320±20℃  
 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: Ui: AC250V, Ith: 5A  
 发热电流: Ui: AC250V, Ith: 5A
2. Rated current: 3A/DC36V  
 额定电流: 3A/DC36V
3. Insulation resistance: ≥1000MΩ  
 绝缘电阻: ≥1000MΩ
4. Contact resistance: ≤50mΩ  
 接触电阻: ≤50mΩ
5. Pressing stroke: 3.00mm ± 0.10  
 按压行程: 3.00mm ± 0.10
6. Contact stroke: 1.50mm ± 0.10  
 接触行程: 1.50mm ± 0.10
7. Nut assembly torque: 5-14N  
 螺帽装配力矩: 5-14N

8. Protection level: IP67  
 防护等级: IP67
9. Explosion prevention level: IK10  
 防暴等级: IK10
10. Working environment temperature: -20 °C ~ +55 °C  
 工作环境温度: -20 °C ~ +55 °C
11. Compression torque: ≤ 4N  
 按压扭力: ≤ 4N
12. Electrical life: 50000 cycles  
 电气寿命: 50000 cycles
13. mechanical: 500000 cycles  
 机械寿命: 500000 cycles
14. NO reverse thrust foot torque: ≤ 30N  
 NO反推脚扭力: ≤ 30N

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## 材质参数

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

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