



## 规格书 Specification

品名/Term:防水电源航插/大公头-输出端

Waterproof power plug(outdoor output)

型号/Model: SW3FX-W

| 承认签章/Admit signature |          |             |                   |          |             |
|----------------------|----------|-------------|-------------------|----------|-------------|
| 供应商确认/supplier       |          |             | 客户公司承认/customer   |          |             |
| 工程师 engineer         | 审核 audit | 批准 approval | 工程师 engineer      | 审核 audit | 批准 approval |
| LXQ                  | WXW      | CJY         |                   |          |             |
| 盖章签署<br>signature    |          |             | 盖章签署<br>signature |          |             |
| 日期/date              |          |             | 日期/date           |          |             |

## 一、SW3FX-W 产品外观 (Product Appearance)



## 二、产品特性 (Product features)

- ☑快速简单的锁定系统 (Quick, simple locking system)
- ☑连接可靠 (Connect reliably)
- ☑产品体积小 (Small size of product)

### 三、技术参数 (Technical parameters)

#### 1.电气参数 (Electrical parameters)

|                              |                        |
|------------------------------|------------------------|
| 触点数量 (Contacts NO.)          | 2+PE                   |
| 额定电流 (Rated current)         | 20A                    |
| 额定电压 (Rated voltage)         | 250V AC                |
| 接触电阻 (Contact resistance)    | $\leq 5\text{m}\Omega$ |
| 介电强度 (Dielectric strength)   | 4000V DC               |
| 绝缘电阻 (Insulation resistance) | $> 1000\text{M}\Omega$ |

#### 2.机械参数 (Mechanical parameters)

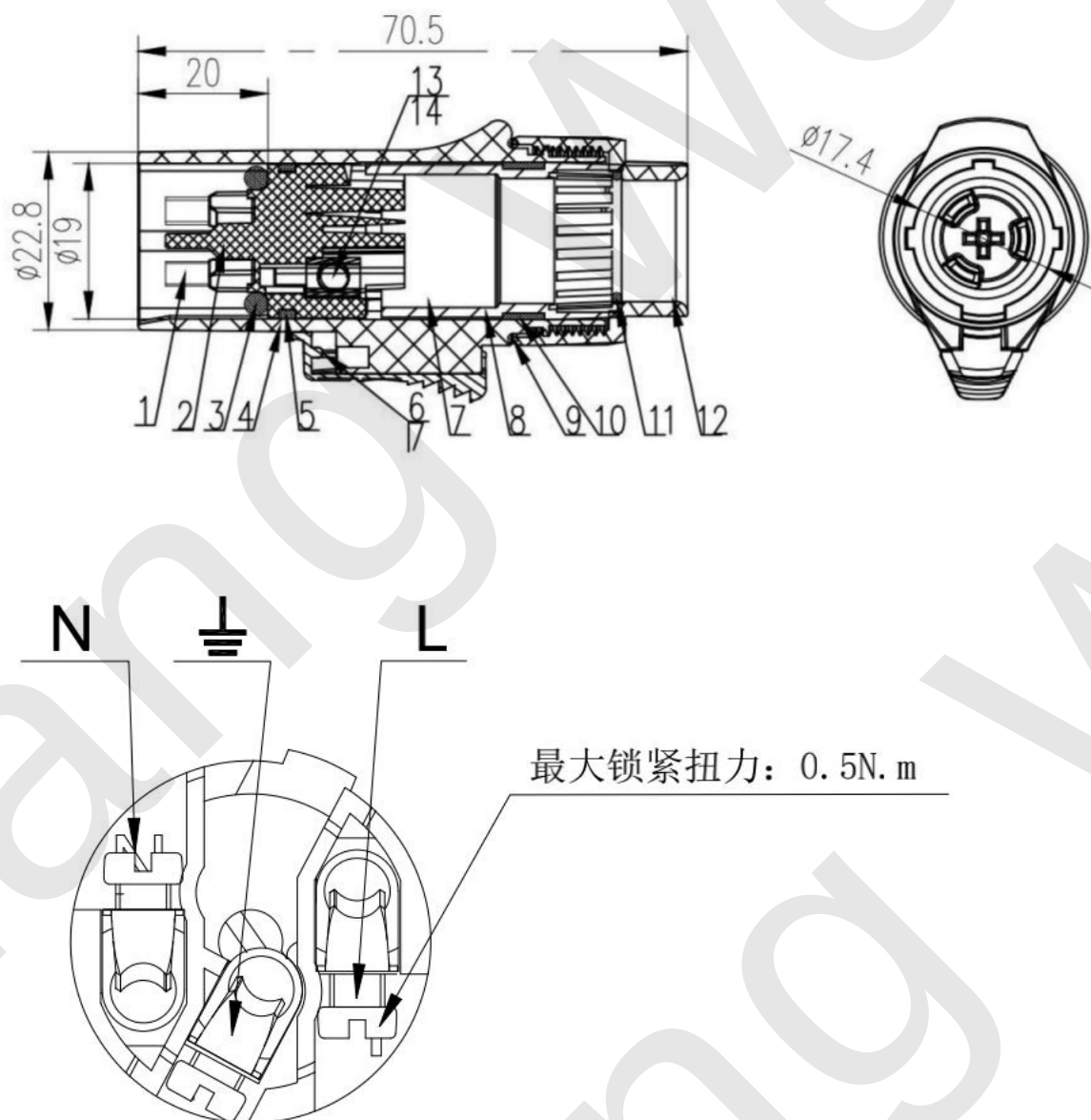
|                              |                                          |
|------------------------------|------------------------------------------|
| 使用寿命 (Service life)          | $> 1000$                                 |
| 电源线径 (Power lin)             | $2.5\text{mm}^2(8\text{mm}-12\text{mm})$ |
| 剥线长度 (Wire stripping length) | 7-8mm                                    |
| 端子接线方式 (Type of teminals)    | screw type terminals 螺旋夹紧式               |

#### 3.材料和环境 (Material and environmental parameters)

|                              |                                                |
|------------------------------|------------------------------------------------|
| 外壳 (Shell)                   | PA                                             |
| 触点 (Contacts)                | Cu alloy                                       |
| 触点表面 (Contact surface)       | Ag                                             |
| 阻燃等级 (Flame-retardant grade) | UL94-V0                                        |
| 使用温度范围 (Temperature range)   | $-30^{\circ}\text{C}$ to $+80^{\circ}\text{C}$ |

#### 四、产品外形尺寸 (Product Profile)

SW3FX-W (outdoor output) /mm



## 五、产品性能 (Product performance)

- 1、使用旋转锁紧设计，操作方便快捷，稳定可靠/Using rotary locking design, easy to operate, stable and reliable
- 2、采用左、右定位连接设计，能有效防止因误插造成的短路/using left and right positioning connection design, can effectively prevent short circuit caused by misinsertion
- 3、铜针采用美国进口铍铜材料，并进行镀银处理，接触稳定性极强，同时能加强对温升的控制/The copper needle is made of beryllium copper material imported from the United States and plated with silver, which has strong contact stability and can strengthen the control of temperature rise
- 4、塑料部分采用 PA6 材质，电气性能稳定，耐压性好，抗高温，抗爆，耐腐蚀/The plastic part is made of PA6 material, with stable electrical performance, good pressure resistance, high temperature resistance, explosion resistance and corrosion resistance
- 5、内芯采用防脱出设计，能避免因拔出力过大而造成铜针退出内芯/The inner core is designed to prevent the copper needle from withdrawing from the inner core due to excessive pulling force
- 6、防护等级达到 IP65/The protection level reaches IP65

## 六、包装方式说明 (Packaging)

产品配有吸塑包装

The product is equipped with  
blister packaging

