

SEETRONIC

Product Data Sheet

产 品 规 格 书

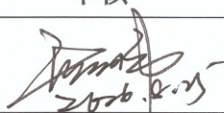
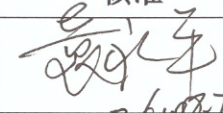
Product Type
产品类型

Speaker Connector
音箱连接器

Product Model
产品型号

SL8FXX-W-LOD

Customer Name
客户名称

Manufacturer 生产方	Prepared 制作	Checked 审核	Approved 核准
	陈英贝 6/26	 26.08.25	 26.08.25

Customer 客户方	Received 接受	Checked 审核	Confirmed 确认

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Product Type 产品类型	Speaker Connector 音箱连接器	
Product Model 产品型号	SL8FXX-W-LOD	
Product Features 产品特性 ➤ 8 pole loudspeaker plug ➤ Current rating 30 A rms continuous ➤ Strain relief chuck for cable 15-20mm O.D. ➤ High impact materials - long-lasting and reliable ➤ Improved grip on latch for easy operation ➤ 8 芯音响插头 ➤ 额定电流 30 A rms ➤ 应力消除卡盘，用于外径 15-20mm 的电缆 ➤ 高抗冲击材料 - 持久可靠 ➤ 改进了对门锁的抓握，便于操作		



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Product Parameters

产品参数

Item 项目	Specification 规格
Connection type 连接类型	Speaker 音箱
Gender 公母性	Male 公

Electrical Parameters

电气参数

Item 项目	Specification 规格
Number of contacts 触点数量	8
Rated current 额定电流	30A rms
Rated voltage 额定电压	250 V AC
Contact resistance 接触电阻	$\leq 3 \text{ m}\Omega$
Dielectric strength 介电强度	4 KV DC
Insulation resistance 绝缘电阻	$> 500 \text{ M}\Omega$
Attention 注意	Cannot be used as an AC source or power connector! 不能用作交流电源或电源连接器!



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Mechanical Parameters

机械参数

Item 项目	Specification 规格
Service life 使用寿命	> 5000 mating cycles > 5000 次使用周期
cable diameter 线缆外径	15mm -20mm
Wire size 电线尺寸	2.5 到 4 mm ² 或 13 到 12 AWG
Rated locking torque of bushing 螺套额定锁紧扭力	2.5N.m

Material and Environmental Parameters

材料和环境

Item 项目	Specification 规格
Housing 外壳	PA66+25%GF
Contacts 触点	Cu alloy 铜合金
Contact plating 触点电镀	Ag 银
Inner core 内芯	PA 尼龙
Thread clamp set 线夹	POM
Flame-retardant grade 阻燃等级	UL 94-V0
Temperature range 使用温度范围	-30°C ~ +80°C
Protection degree 防护等级	Matching with SEETRONIC 8 pole socket is IP65 与西创 8 芯插座配合 IP65

Standards and Certifications

标准和认证

Standards 标准	IEC 61984
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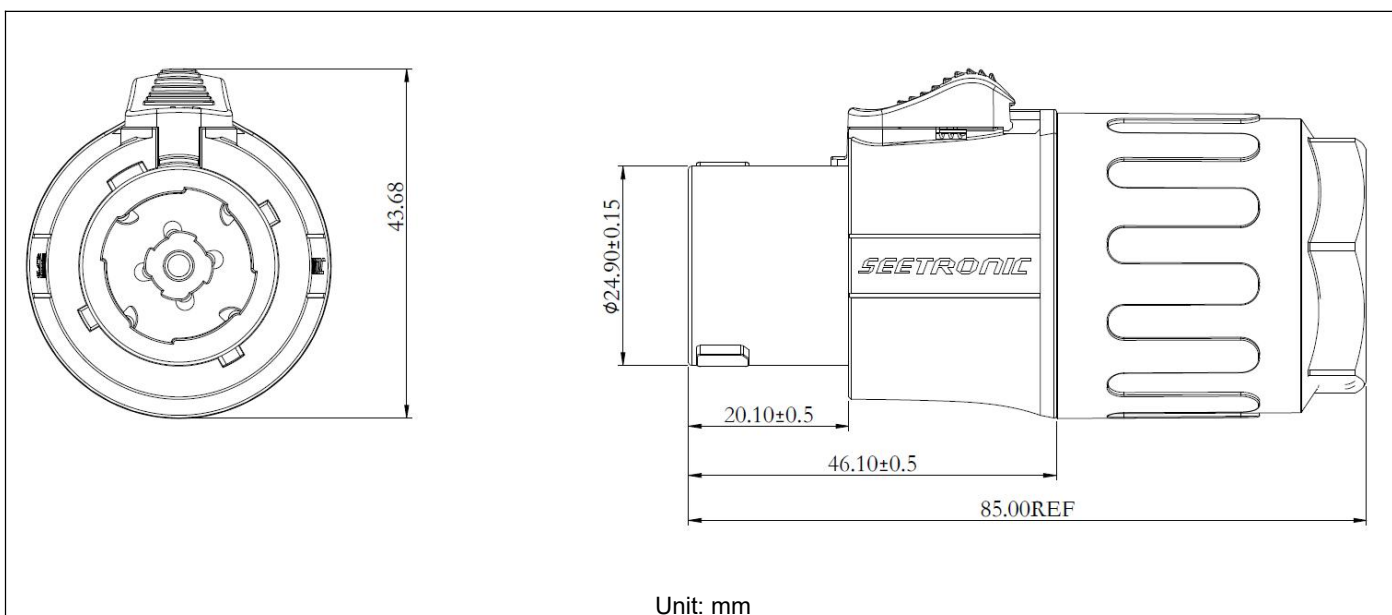
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产品规格书

Product Drawing

产品外形尺寸



Packaging Method

包装方式

PE bag packing, 1 pc per bag

25 pcs per inner carton, 5 inner cartons per master carton (125 pcs per master carton)

PE 袋包装, 1 个/袋

25 个/内盒, 5 个内盒/箱 (即 125 个/箱)

Accessory

配件

☒ No accessories

无配件

☐ Screws and Nuts

螺丝和螺帽

☐ Back fastener plate

安装固定件

☐ Other

其他



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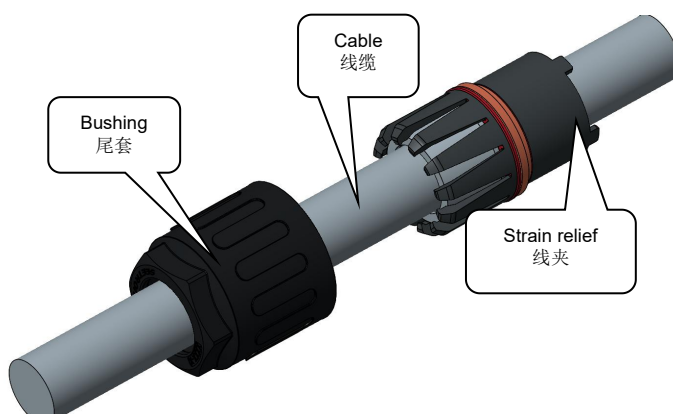
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Assembly Instructions

安装使用说明

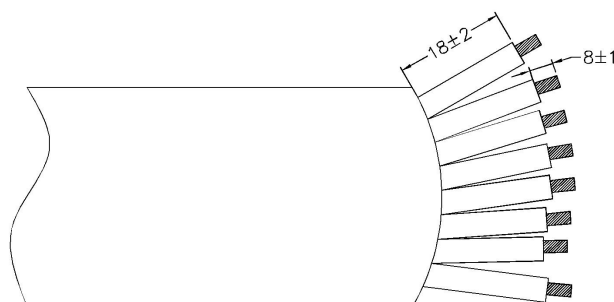
- (1) Put the cable through the bushing and strain relief

将线缆穿过尾套和线夹



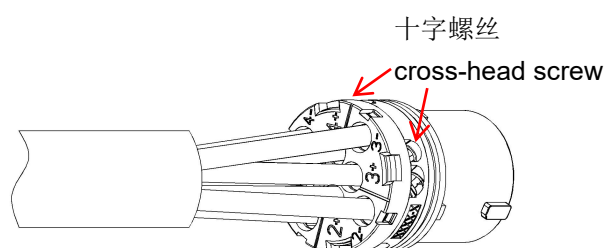
- (2) Strip the cable in the size as shown

按所示尺寸剥线



- (3) Insert the conductor of the cable into the terminal of the inner core (Refer to the right wiring diagram and **insert wires matching the numbers on the cover plate**) and then lock with a torque of $0.5 \text{ N}\cdot\text{m}$ (Use a Phillips screwdriver or a driver bit)

将线缆导体部分插入内芯端子（参考右图接线方式，**接线时需对应盖板上的数字插入**），插入后需用 $0.5 \text{ N}\cdot\text{m}$ 扭矩锁紧螺丝（使用十字螺丝刀或批头）。



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- (4) Push the inner core component into the housing with the strain relief. The protruding rib of strain relief should correspond to the protruding rib of inner core component. And the two protruding ribs should correspond to the two grooves inside the housing.

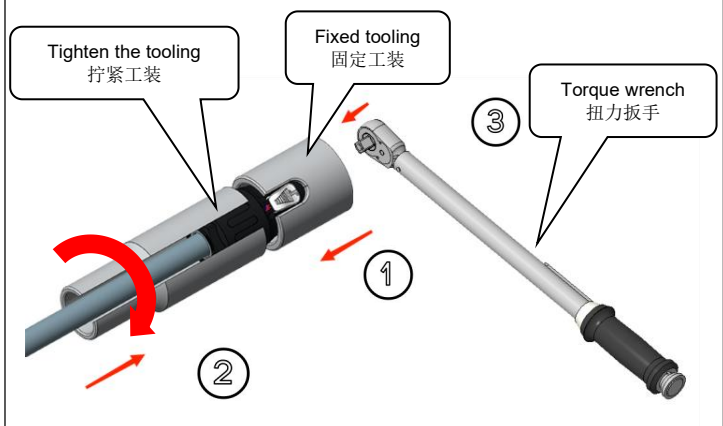
将接完线后的内芯用线夹推入外壳内，线夹的凸筋需与内芯凸筋对应，两处凸筋与外壳凹槽处对应。



- (5) After the cable clamp
1、Place the connector into the fixed fixture.
2、Place the tightening fixture in the tail sleeve of the connector, and then tighten the tail sleeve clockwise.
3、For precise installation positions, use a torque wrench to tighten with a torque of 5N·m.

线夹、内芯组件与外壳装配后：

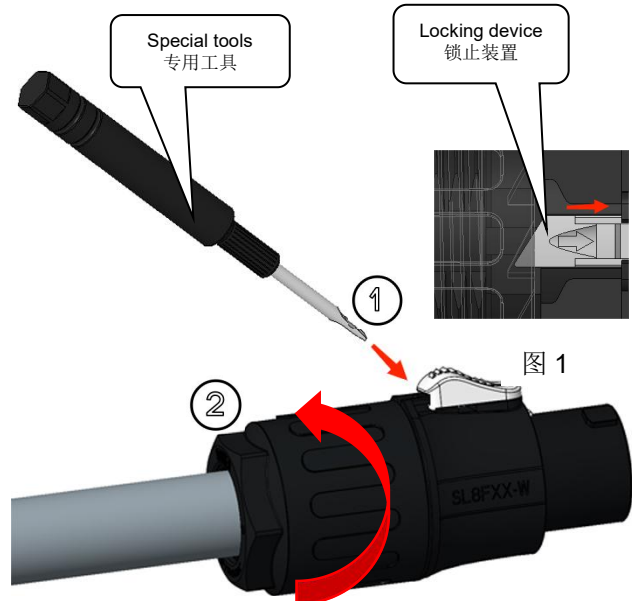
- 1、将连接器放入固定工装中；
- 2、将拧紧工装放置在连接器的尾套中，然后顺时针方向拧紧尾套；
- 3、对于精确的安装位置，使用扭力扳手 5N·m 扭矩拧紧。



- (6) Remove the tail sleeve:
1、Use a special tool to push up the locking device below the button(When not available, a flat screwdriver with a blade width ≤ 2.5 can be used as a substitute),Then felt the graphics lag,Explanation: The locking device moves upwards to the internal locking position and clicks into place.
2、At this time, take out the special tool and the tail sleeve can be twisted out counterclockwise

拆卸尾套：

- 1、用专用工具（没有时可用刀头宽度 ≤ 2.5 的一字螺丝刀代替）往上顶按键下方的锁止装置，接着感受到明显卡顿，说明锁止装置向上移动至内部过盈位并卡住位置（图 3）；
- 2、此时取出专用工具，尾套即可逆时针拧出。



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Lock State 锁止状态

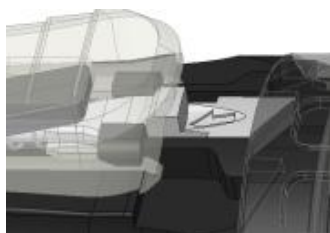


图 2

When unlocked, the locking device disengages from the tailgate

解锁状态下，锁止装置与尾套脱离



Unlock State 松止状态

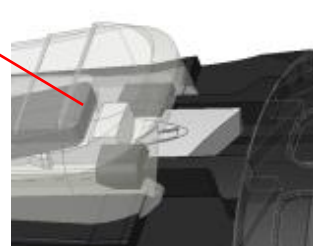


图 3

(7) Note: Pushing down the button will reset the locking device.

注意：按键往后推即可让锁止装置复位

