

SEETRONIC

Product Data Sheet

产 品 规 格 书

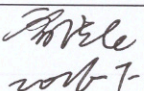
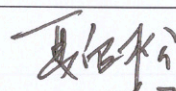
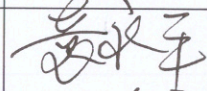
Product Type
产品类型

Speaker Connector
音响连接器

Product Model
产品型号

SL4FXX-Pro

Customer Name
客户名称

Manufacturer 生产方	Prepared 制作	Checked 审核	Approved 核准
	 2016-7-15	 2016-7-16	 2016-7-16

Customer 客户方	Received 接受	Checked 审核	Confirmed 确认

Above specifications and information may have tolerances and have been updated.
Every effort has been made to ensure correctness upon release of this data sheet.
以上规格和信息可能存在公差，并已更新。我们已尽一切努力确保本规格书发布时的正确性。

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sales@seetronic-group.com
www.seetronic.com

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Product Type 产品类型	Speaker Connector 音响连接器	
Product Model 产品型号	SL4FXX-Pro	
Product Features 产品特性 ➤ Lockable 4-pin female audio cable connector ➤ Match with SLDM4 plugs or SLDDM4/SL4MP-N sockets ➤ Fast and easy locking system with firm latch lock which does not fall off ➤ Rated at 32A ➤ 可锁定的 4 芯母头音响线缆连接器 ➤ 与 SLDM4 插头或者 SLDDM4/SL4MP-N 插座配套使用 ➤ 快速简便的锁定系统，具有牢固的门锁，按键牢靠不脱落 ➤ 32A 额定电流		



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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	Female 母

Electrical Parameters

电气参数

Item 项目	Specification 规格
Number of Contact 触点数量	4P
Rated Current 额定电流	32A
Rated voltage 额定电压	250 V
Contact Resistance 接触电阻	$\leq 3 \text{ m}\Omega$
Dielectric Strength 绝缘强度	2800V AC
Insulation Resistance 绝缘电阻	$> 1000 \text{ M}\Omega$
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	> 1000 mating cycles > 1000 次使用周期
Cable Size 电线尺寸	1.5-4.0 mm ² (多股线单根铜丝直径需 ≥ 0.1 mm)
Cable OD 电缆外径	7-11 mm
Type of Terminals 端子接线方式	Rebound piece terminal 弹片端子

Material and Environmental Parameters

材料和环境

Item 项目	Specification 规格
Housing 外壳材质	PA 尼龙
Contacts 触点材质	Cu alloy 铜合金
Contact surface 触点表面	Ag 银
Flame-retardant grade 阻燃等级	UL94 V-0
Temperature range 使用温度范围	-30°C ~ +80°C

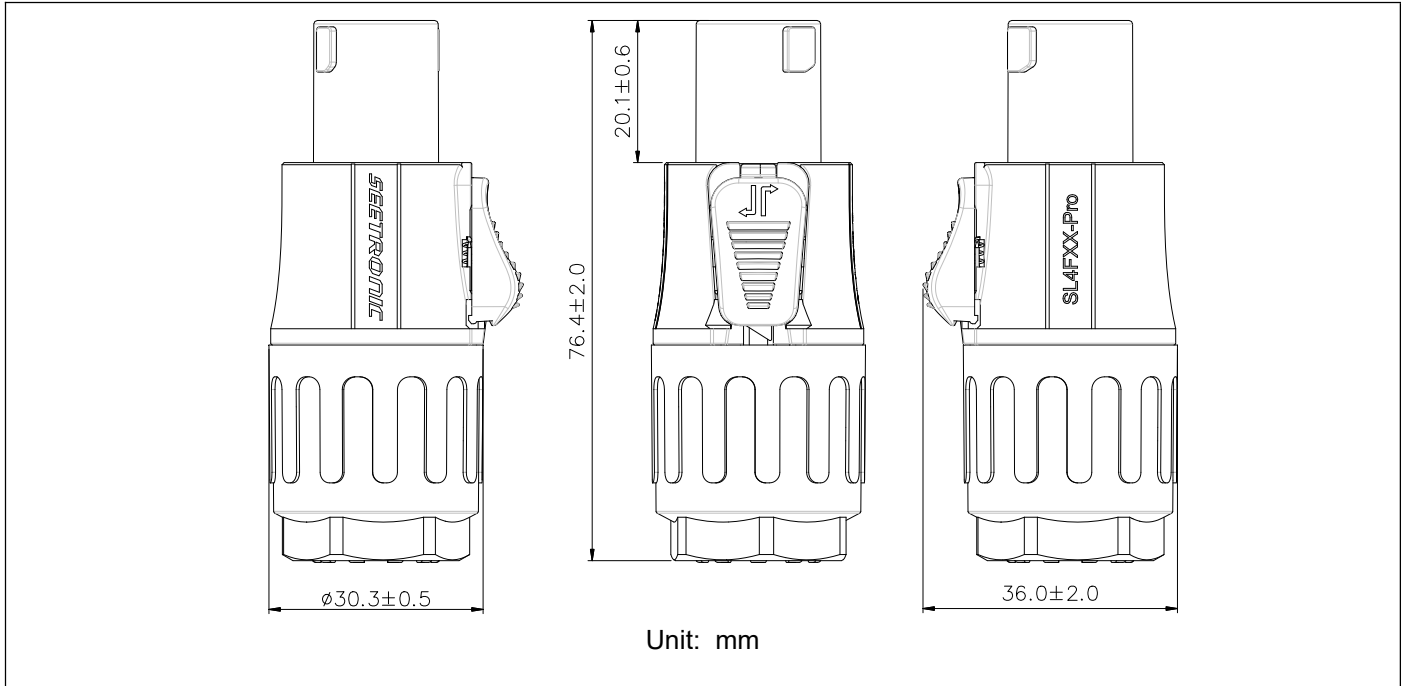


Product Data Sheet

产品规格书

Product Drawing

产品外形尺寸



Packaging Method

包装方式

1 pc per bag (include 1 pc each of inner core, housing, strain relief, bushing)
40 pcs per inner carton, 5 inner cartons per master carton (200 pcs per master carton)

1 个/袋 (包含内芯、外壳、线夹、尾套各 1 个)
40 个/盒, 5 个内盒/箱 (即 200 个/箱)

Accessory

配件

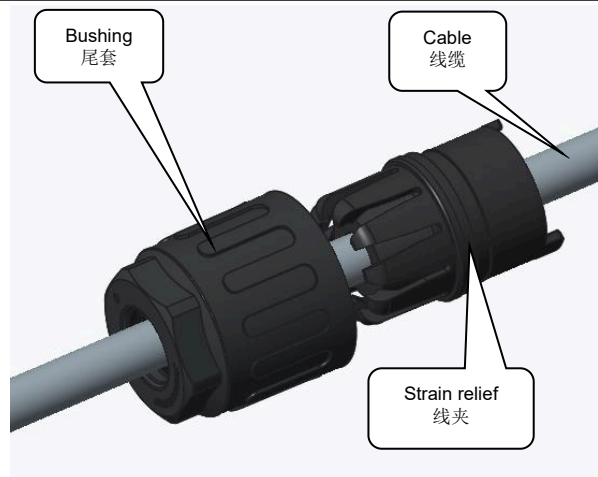
- | | |
|---|---|
| ☒ No accessories
无配件 | ☐ Back fastener plate
安装固定件 |
| ☐ Screws and Nuts
螺丝和螺帽 | ☐ Other
其他 |



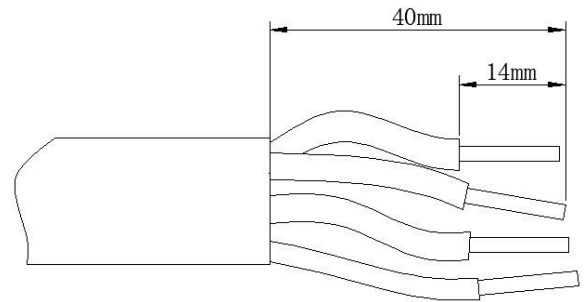
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Assembly Instructions 安装使用说明

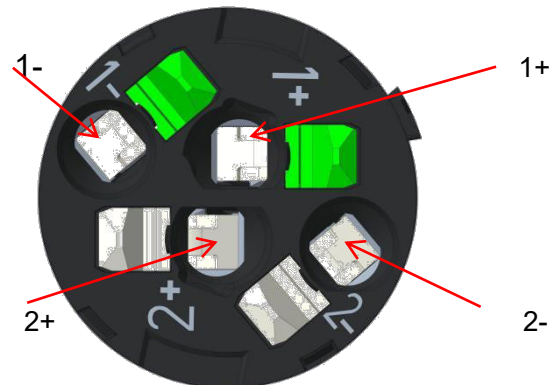
- (1) Put the cable through the bushing and strain relief
将线缆穿过尾套和线夹



- (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 wiring method on the right)
将线缆导体插入内芯端子（参考右图接线方式），听到咔哒一声，并且按钮弹起后，导体锁紧



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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.

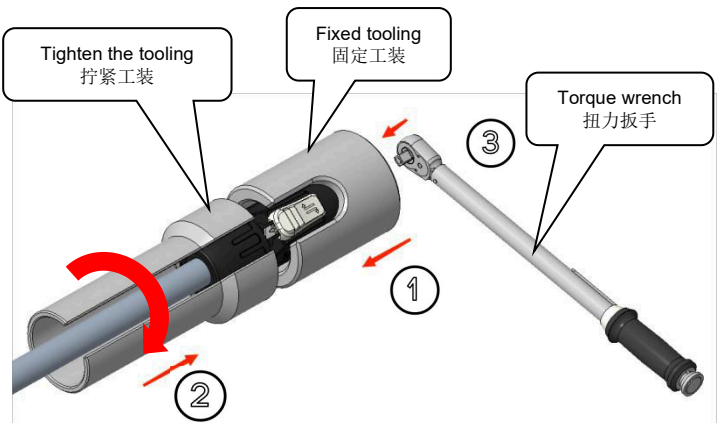
将接完线后的内芯用线夹推入外壳内，线夹的凸筋需与内芯凸筋对应，两处凸筋与外壳凹槽处对应。



- (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 $2.5\text{N} \cdot \text{m}$

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 $2.5\text{N} \cdot \text{m}$ 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。



图 1



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Lock State
锁止状态

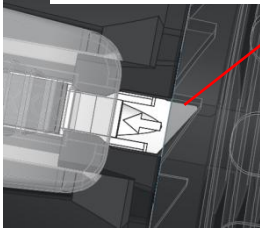


图 2

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

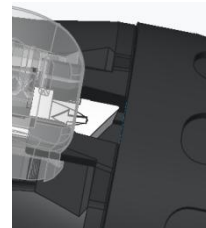
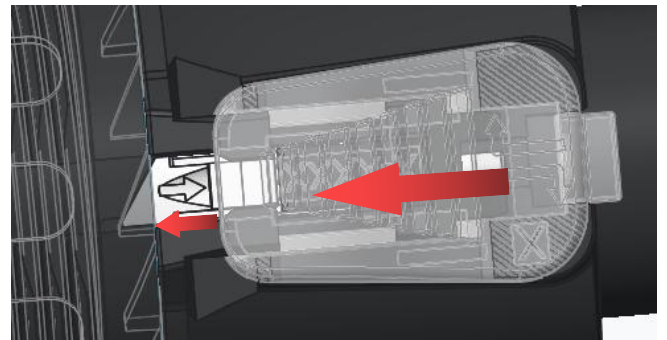


图 3

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

注意：按键往下推即可让锁止装置复位



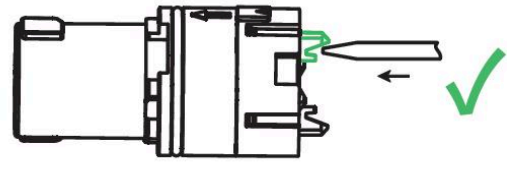
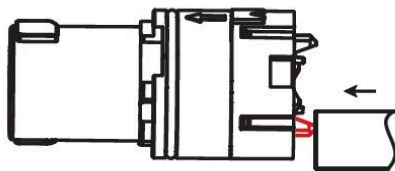
Warning: Do not press this part to unlock the button.

Use a tool and press on the V-shaped groove to unlock the button.

注意：请勿按压此部分解锁按钮(图①)。使用工具按压 V 型凹槽解锁按钮(图②)



①



②

