

SEETRONIC

Product Data Sheet

Product Type Speaker Connector

Product Model SL4FXX-Pro-LOD

Customer Name _____

Manufacturer	Prepared	Checked	Approved
	<i>[Signature]</i> 2023-8-11	<i>[Signature]</i> 2023-8-11	<i>[Signature]</i> 2023-8-11

Customer	Received	Checked	Confirmed

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.

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Product Data Sheet

Product Type	Speaker Connector	
Product Model	SL4FXX-Pro-LOD	
Product Features		
➤ 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		



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Product Parameters

Item	Specification
Connection type	Speaker
Gender	Female

Electrical Parameters

Item	Specification
Number of Contact	4P
Rated Current	32A
Rated voltage	250V AC
Contact Resistance	$\leq 3 \text{ m}\Omega$
Dielectric Strength	2800V AC
Insulation Resistance	$> 1000 \text{ M}\Omega$
Attention	Cannot be used as an AC source or power connector!



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Mechanical Parameters

Item	Specification
Service Life	> 1000 mating cycles
Cable Size	1.5-4.0 mm ² (The diameter of a single copper wire in a multi-strand cable needs to be at least 0.1mm)
Cable OD	11-14 mm
Type of Terminals	Rebound piece terminal

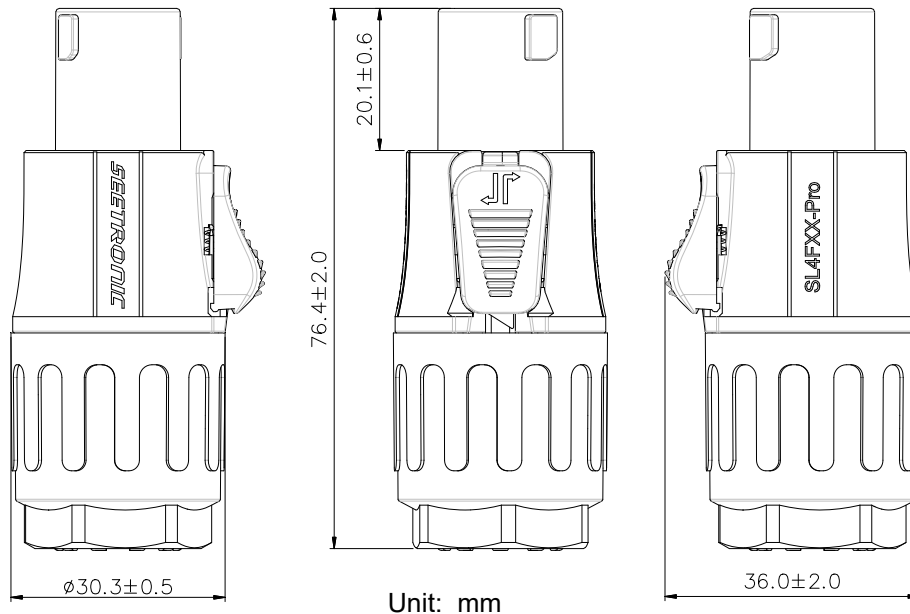
Material and Environmental Parameters

Item	Specification
Housing	PA
Contacts	Cu alloy
Contact surface	Ag
Flame-retardant grade	UL94 V-0
Temperature range	-30°C ~ +80°C



Product Data Sheet

Product Drawing



Packaging Method

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)

Accessory

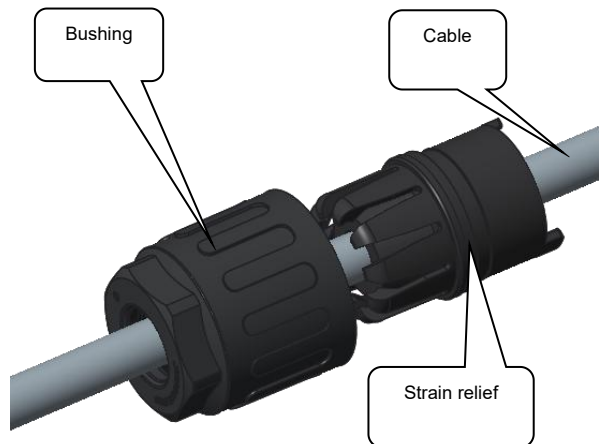
- | | |
|--|--|
| ☒ No accessories | ☐ Back fastener plate |
| ☐ Screws and Nuts | ☐ Other |



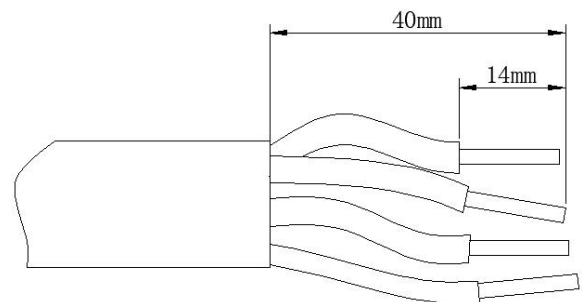
Product Data Sheet

Assembly Instructions

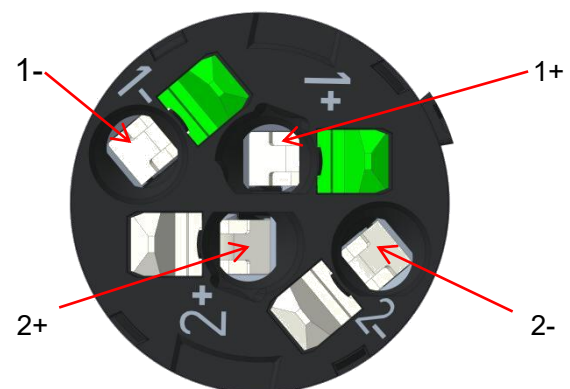
(1) Put the cable through the bushing and strain relief



(2) Strip the cable in the size as shown



(3) Insert the conductor of the cable into the terminal of the inner core (refer to the wiring method on the right)

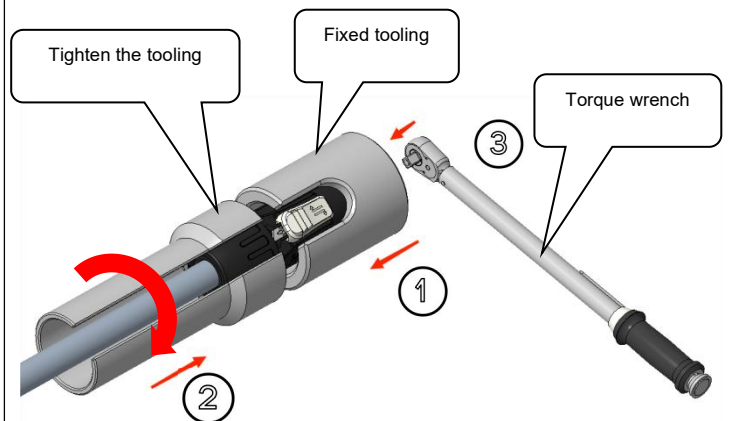


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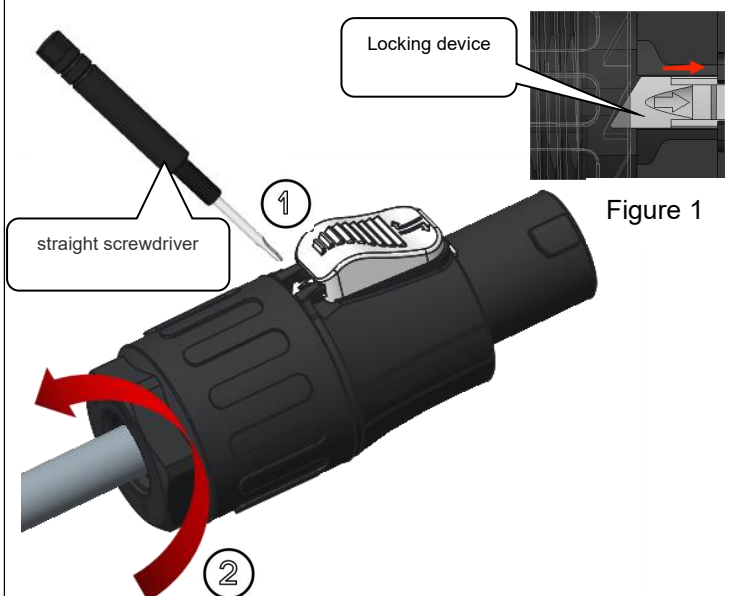
- (4) Push the inner core component into the housing with the strain relief. The protruding rib of strain relief should correspond to the protruding rib of inner core component. And the two protruding ribs should correspond to the two grooves inside the housing.



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



- (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



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Lock State

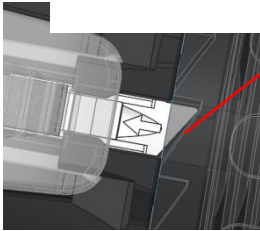


Figure 2

When unlocked, the locking device disengages from the tailgate



Unlock State

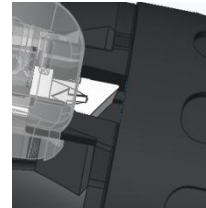
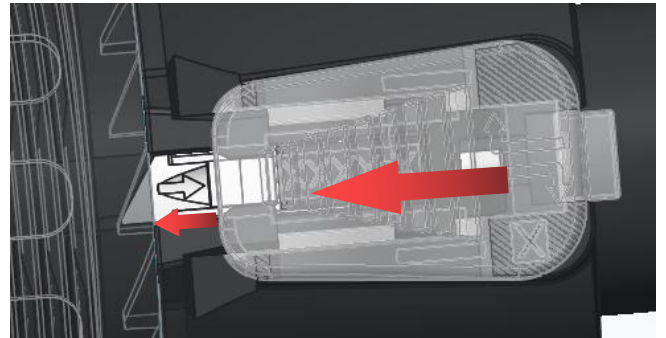


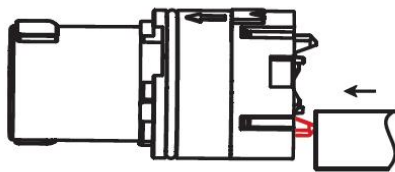
Figure 3

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

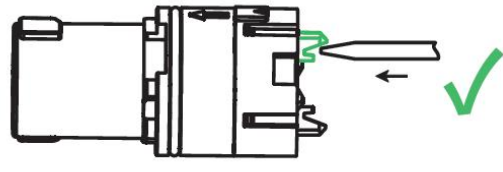


Warning: Do not press this part to unlock the button. (Figure ①)

Use a tool and press on the V-shaped groove to unlock the button. (Figure ②)



①



②

