

PowerLok4.0 2芯 组装式插头安装规范 PowerLok4.0 2 Pos Connector Assembly SPEC



安装步骤 - 2.5mm²/4mm²线缆 Assembly Instructions - 2.5mm²/4mm² Cable

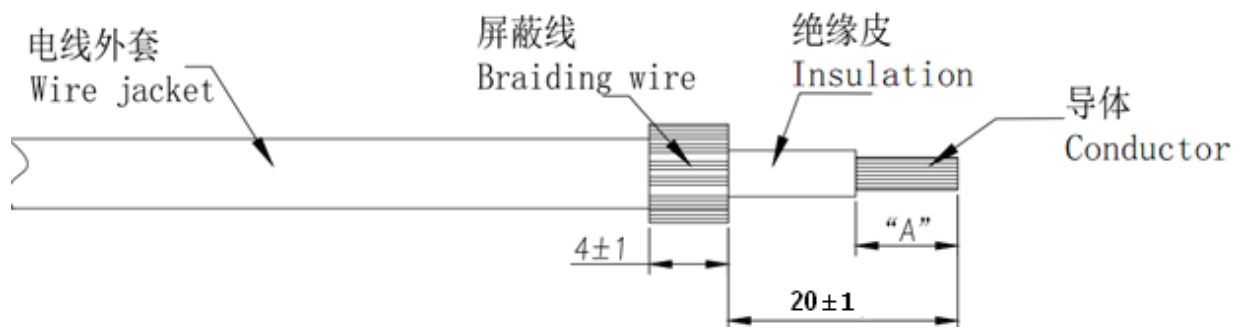
1. 选择符合以下要求的屏蔽线缆。

Choose proper shielding cable;

线缆规格 Cable Size	直径 OD (mm)	剥皮尺寸 Peeling Size "A" (mm)
2.5mm ² or 14AWG	5.2±0.2	8.5±1
4mm ² or 12AWG	5.8±0.2	9.5±1

2. 按尺寸剥开电线外套、屏蔽层及绝缘皮，并剪掉多余屏蔽线。

Strip jacket, braiding wire, insulation, fold back braiding wire as shown below.



3. 在屏蔽层上套上铜套，铜套需套到底，套上铜套后屏蔽线不能露出。

Load copper ferrule onto braiding wire to bottom. Visual check to make sure there is no loose shielding strands uncovered.



PowerLok4.0 2芯 组装式插头安装规范 PowerLok4.0 2 Pos Connector Assembly SPEC

4. 用六角刀具把铜套压紧，压紧后铜套的抗拉拔力不少于50N
Crimp copper ferrule with hexagonal crimping tool, the minimum retention strength is 50N after crimping.



5. 套上端子然后压紧，压紧后端子抗拉拔力不少于下表中数值。
Place terminal onto wire and crimp, the minimum tensile strength after crimping required is as shown in the list below.

线缆规格 Cable Size	拉拔力Min tensile strength
2.5mm ² or14AWG	222.5N
4mm ² or12AWG	311.5N



6. 将压好端子的电线（两条）插入连接器。
Insert cable with crimped terminal into connector. Repeat for 2nd cable.



7. 完成组装。
Complete Cable Harness.

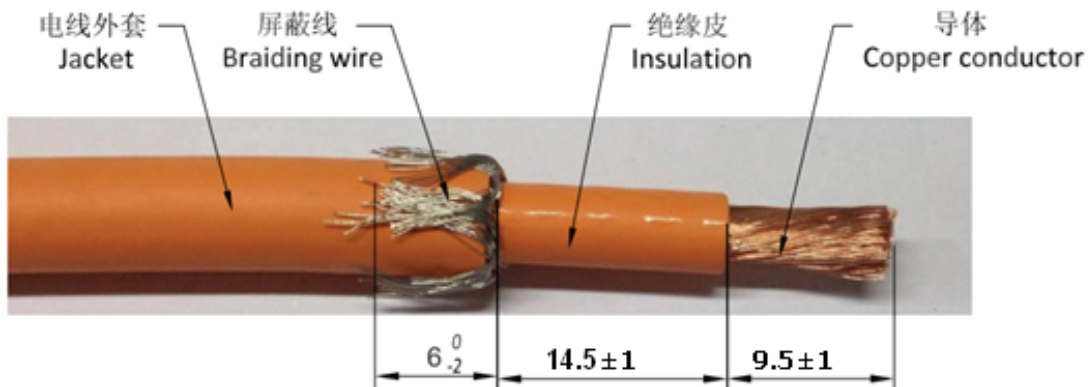


PowerLok4.0 2芯 组装式插头安装规范 PowerLok4.0 2 Pos Connector Assembly SPEC

1. 选择符合以下要求的屏蔽线缆
Choose proper shielding cable

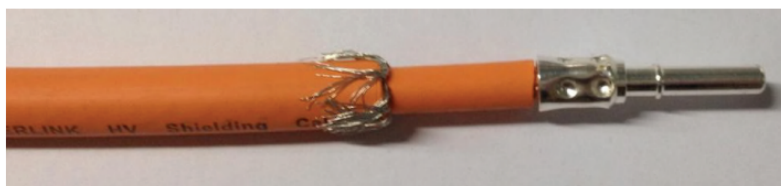
线缆规格 Cable Size	直径 OD (mm)
6mm ² or 10AWG	6.7±0.3
10mm ² or 8AWG	8.6±0.3

2. 按尺寸剥开电线外套、屏蔽层及绝缘皮，并剪掉多余屏蔽线。
Strip jacket, braiding wire, insulation, fold back braiding wire as shown below.

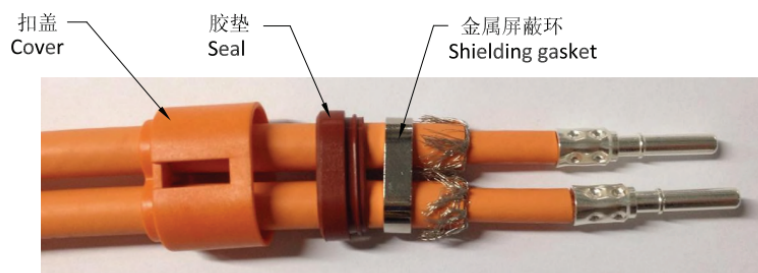


3. 套上端子然后压紧，压紧后端子抗拉拔力不少于下表中数值。
Place terminal onto wire and crimp. the minimum tensile strength after crimping requires is as shown in the list below.

线缆规格 Cable Size	拉拔力 Min tensile strength
6mm ² or 10AWG	356 N
10mm ² or 8AWG	400.5 N



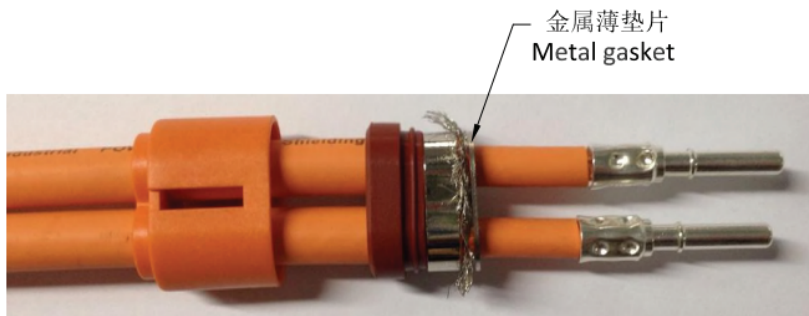
4. 将金属屏蔽、橡胶垫、扣盖依次套在线缆上。
Load shielding gasket, seal, cover onto cable as shown.



PowerLok4.0 2芯 组装式插头安装规范 PowerLok4.0 2 Pos Connector Assembly SPEC

5. 将金属薄垫片套在线缆上，保证屏蔽线均匀分布于屏蔽环与金属薄片之间。

Load metal gasket onto cable, and make sure braiding wire lies between shielding gasket and metal gasket.



6. 将端子部件装入金属壳体，注意扣盖开槽与壳体上凸起大小相对应。

Push terminal components into shell, make sure keyway on cover matches key on shell.



7. 扣上扣盖，完成组装。

Assemble cover, complete cable harness.

