1 系_M5/M8/M12/M16连接解决方案
1 Series_M5/M8/M12/M16 Connectivity Solutions

工业自动化
Automation

机器人
Robot

轨道交通
Rail Transit

船舶应用
Ship applications

农业机械
Agricultural Machinery

检测设备
Inspection Equipment

公司简介
Company Profile

弘林科创建于2015年，是全球知名的大功率连接器整体方案提供商，拥有ISO9001, ISO14001, IATF16949管理体系认证，通过了CE RoHS REACH等国际测试认证，同时也获得中国国家知识产权专利局授权专利约30项左右，是中国国家科技型创新企业, 弘林科在全球拥有2个制造工厂（分别位于中国昆山/河南南阳），5个销售公司（中国/日本/泰国/韩国/美国）

弘林科拥有资深专业的模具设计加工，自动化制造能力，完整的检测设备及技术，打造全球一流的连接器品牌，服务全球用户; 同时我们具有强大的定制化能力，依据不同客户的差异化需求，提供专业，高效，快捷的定制化连接解决方案，为顾客户创造价值.

弘林科专注于新能源连接器，其中1系_M5/M8/M12/M16圆型连接器，2系_储能连接器，3系_电动自行车连接器，4系_电动工具连接器，5系_电动摩托车连接器，6系电动汽车充电枪/座，7系充电桩及放电枪等一站式解决方案.

Founded in 2015, Honlix is a world-renowned total solution provider of high power connectors with ISO9001, ISO14001, IATF16949 management system certification, passed CE RoHS REACH and other international testing and certification, and also obtained about 30 patents authorized by China National Intellectual Property Patent Office, which is a national science and technology-based innovative enterprise in China.

Honlix has 2 manufacturing factories (located in Kunshan, China / Nanyang, Henan Province) and 5 sales companies (China / Japan / Thailand / Korea / USA)

Honlix has experienced and professional mold design and processing, automated manufacturing capabilities, complete testing equipment and technology to build a global first-class connector brand to serve the global user; at the same time, we have a strong ability to customize, according to the different customer needs, to provide professional, efficient, and effective connectors to meet different needs. At the same time, we have a strong customization ability, according to the differentiated needs of different customers, to provide professional, efficient, fast customized connection solutions, to create value for customers.

Honlix specializes in new energy connectors, including Series 1_M5/M8/M12/M16 circular connectors, Series 2_energy storage connectors, Series 3_electric bicycle connectors, Series 4_electric tool connectors, Series 5_electric motorcycle connectors, Series 6electric vehicle charging guns/mounts, Series 7 charging piles and discharging guns, and other one-stop solutions.

Honlix's New HQ

Ownership of Honlix's HQ buliding

公司简介
Company Profile

昆山工厂
Kunshan Factory

河南工厂
Henan Factory
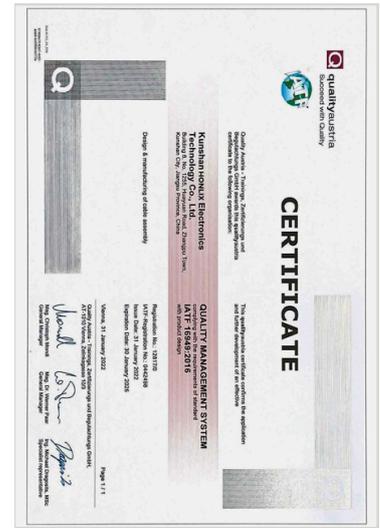
资质证书
Certificates

HONLIX

ISO90001

ISO14000

TS16949

CE

RoHs

CE

Utility model patents

Appearance Patent

EIA report

全球服务
Global Services

1. Kunshan, China_factory	1. 中国昆山_工厂
2. Henan, China_factory	2. 中国河南_工厂
3. Shanghai, China_office	3. 中国上海_销售办公室
4. Yokohama, Japan_office	4. 日本横滨_销售办公室
5. Seoul, Korea_office	5. 韩国首尔_销售办公室
6. California, USA_office	6. 美国加州_销售办公室
7. Bangkok, Thailand_office	7. 泰国曼谷_销售办公室

M5/M8/M12/M16连接器应用
M5/M8/M12/M16 Connectors Application

M5 Connector Male

M5 Connector Female

M8 Connector Male

M8 Connector Female

工业自动化
Automation
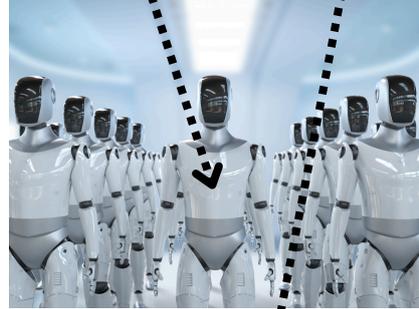
机器人
Robot

轨道交通
Rail Transit

船舶应用
Ship applications

农业机械
Agricultural Machinery

检测设备
Inspection Equipment

HONLIX

2系_产品目录
2 Series_Contents

HLK-05M XXP 0 A-XXX

- M5系列_线端, M_公头, XX_针数, P_线端, 0_车针, A-A编号, XXX_流水码
- 05_M5 Series M_Male, XX_Number of Pin , P_Line end , O_Needle Structure , A_A Code , XXX Series code

应用领域 Application Areas

- 机器人电子机械、电气系统、传感器和工业自动化等工业设备领备
- robots, electronic machinery, electrical systems, sensors, and industrial automation

产品功能特点 Product Points

- 防水IP67
- IP67 (Mated)
- 快速直接插拔
- Fast direct plugging and unplugging
- 体积小
- Very small in size

技术参数 Technical Data

- 额定电流: 1A
- Rated current: 1A

- 额定电压: 60V
- Rated voltage：   60V

- 绝缘电阻: ≥5MΩ
- Insulation resistance: ≥5MΩ

- 阻燃等级: UL94V-0
- Flame retardant rating UL94V-0

- 使用环境: -25°C ~ +85°C
- Operating temperature: -25°C ~ +85°C

- 防护等级: IP67 (公母互配后)
- IP grade: IP67 (mated)

- 端子接线方式: 铆压
- Terminal Connection: Riveting and pressing

- 盐雾测试: 48 H
- Salt spray resistance   48 H

- 耐电压 :   500V AC
- Withstand voltage   :   500V AC

- 机械寿命: ≥500次
- Flame retardant rating ≥500 cycles

- 拔出力: ≥2N
- Pull-out force: ≥2N

- 环保等级: RoHS
- Environmental grade：   RoHS

商务条款 Terms of business

- 起订量: 1 pcs
- MOQ   1 pcs

- 交货周期: 2周（紧急订单1周）
- L/T   2 weeks

- 交货条款: Ex works
- Terms of delivery: Ex works

- 海关编码: 854422100
- HS code：   854422100

产品尺寸 Product dimension

推荐面板安装尺寸
Recommended Panel Mounting Dimensions

HLK-05F XXP 0 A-XXX

- M5系列_线端, F_母头, XX_针数, P_线端, 0_车针, A-A编号, XXX_流水码
- 05_M5 Series F_Female, XX_Number of Pin , P_Line end , O_Needle Structure , A_A Code , XXX Series code

应用领域 Application Areas

- 机器人电子机械、电气系统、传感器和工业自动化等工业设备领备
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- 体积小
- Very small in size

技术参数 Technical Data

额定电流:	1A	端子接线方式:	铆压
Rated current:	1A	Terminal Connection:	Riveting and pressing
额定电压:	60V	盐雾测试:	48 H
Rated voltage：	60V	Salt spray resistance	48 H
绝缘电阻:	≥5MΩ	耐电压 ：	500V AC
Insulation resistance:	≥5MΩ	Withstand voltage ：	500V AC
阻燃等级:	UL94V-0	机械寿命:	≥500次
Flame retardant rating	UL94V-0	Flame retardant rating	≥500 cycles
使用环境:	-25°C ~ +85°C	拔出力:	≥2N
Operating temperature:	-25°C ~ +85°C	Pull-out force:	≥2N
防护等级:	IP67 (公母互配后)	环保等级:	RoHS
IP grade:	IP67 (mated)	Environmental grade：	RoHS

商务条款 Terms of business

起订量:	1 pcs	交货条款:	Ex works
MOQ	1 pcs	Terms of delivery:	Ex works
交货周期:	2周（紧急订单1周）	海关编码:	854422100
L/T	2 weeks	HS code：	854422100

产品尺寸 Product dimension

推荐面板安装尺寸
Recommended Panel Mounting Dimensions

HLK-05M XXP 0 A-XXX

- M5系列_板端, M_公头, XX_针数, P_线端, 0_车针, A-A编号, XXX_流水码
- 05_M5 Series M_Male, XX_Number of Pin , P_Line end , O_Needle Structure , A_A Code , XXX Series code

应用领域 Application Areas

- 机器人电子机械、电气系统、传感器和工业自动化等工业设备领备
- robots, electronic machinery, electrical systems, sensors, and industrial automation

产品功能特点 Product Points

- 防水IP67
- IP67 (Mated)
- 快速直接插拔
- Fast direct plugging and unplugging
- 体积小
- Very small in size

技术参数 Technical Data

- 额定电流: 1A
- Rated current: 1A

- 额定电压: 60V
- Rated voltage：   60V

- 绝缘电阻: ≥5MΩ
- Insulation resistance: ≥5MΩ

- 阻燃等级: UL94V-0
- Flame retardant rating UL94V-0

- 使用环境: -25°C ~ +85°C
- Operating temperature: -25°C ~ +85°C

- 防护等级: IP67 (公母互配后)
- IP grade: IP67 (mated)

- 端子接线方式: 铆压
- Terminal Connection: Riveting and pressing

- 盐雾测试: 48 H
- Salt spray resistance   48 H

- 耐电压   :   500V AC
- Withstand voltage   :   500V AC

- 机械寿命: ≥500次
- Flame retardant rating ≥500 cycles

- 拔出力: ≥2N
- Pull-out force: ≥2N

- 环保等级: RoHS
- Environmental grade：   RoHS

商务条款 Terms of business

- 起订量: 1 pcs
- MOQ   1 pcs

- 交货周期: 2周（紧急订单1周）
- L/T   2 weeks

- 交货条款: Ex works
- Terms of delivery: Ex works

- 海关编码: 854422100
- HS code：   854422100

产品尺寸 Product dimension

推荐面板安装尺寸
Recommended Panel Mounting Dimensions

HLK-05F XXP 0 A-XXX

- M5系列_板端, F_母头, XX_针数, P_线端, 0_车针, A-A编号, XXX_流水码
- 05_M5 Series F_Female, XX_Number of Pin , P_Line end , O_Needle Structure , A_A Code , XXX Series code

应用领域 Application Areas

- 机器人电子机械、电气系统、传感器和工业自动化等工业设备领备
- robots, electronic machinery, electrical systems, sensors, and industrial automation

产品功能特点 Product Points

- 防水IP67
- IP67 (Mated)

- 快速直接插拔
- Fast direct plugging and unplugging

- 体积小
- Very small in size

技术参数 Technical Data

额定电流:	1A		端子接线方式:	铆压
Rated current:	1A		Terminal Connection:	Riveting and pressing
额定电压:	60V		盐雾测试:	48 H
Rated voltage：	60V		Salt spray resistance	48 H
绝缘电阻:	≥5MΩ		耐电压 :	500V AC
Insulation resistance:	≥5MΩ		Withstand voltage :	500V AC
阻燃等级:	UL94V-0		机械寿命:	≥500次
Flame retardant rating	UL94V-0		Flame retardant rating	≥500 cycles
使用环境:	-25°C ~ +85°C		拔出力:	≥2N
Operating temperature:	-25°C ~ +85°C		Pull-out force:	≥2N
防护等级:	IP67 (公母互配后)		环保等级:	RoHS
IP grade:	IP67 (mated)		Environmental grade：	RoHS

商务条款 Terms of business

起订量:	1 pcs		交货条款:	Ex works
MOQ	1 pcs		Terms of delivery:	Ex works
交货周期:	2周（紧急订单1周）		海关编码:	854422100
L/T	2 weeks		HS code：	854422100

产品尺寸 Product dimension

推荐面板安装尺寸
Recommended Panel Mounting Dimensions

HONLIX

HLK-08M XXP 0 A-XXX

- M8系列_线端, M_公头, XX_针数, P_线端, 0_车针, A-A编号, XXX_流水码
- 08_M8 Series M_Male, XX_Number of Pin , P_Line end , 0_Needle Structure , A_A Code , XXX Series code

应用领域 Application Areas

- 机器人电子机械、电气系统、传感器和工业自动化等工业设备领备
- robots, electronic machinery, electrical systems, sensors, and industrial automation

产品功能特点 Product Points

- 防水IP67
- IP67 (Mated)
- 快速直接插拔
- Fast direct plugging and unplugging
- 体积小
- Very small in size

技术参数 Technical Data

额定电流:	5A		端子接线方式:	铆压	
Rated current:	5A		Terminal Connection:	Riveting and pressing	
额定电压:	60V		盐雾测试:	48 H	
Rated voltage:	60V		Salt spray resistance	48 H	
绝缘电阻:	≥5MΩ		耐电压 :	500V AC	
Insulation resistance:	≥5MΩ		Withstand voltage :	500V AC	
阻燃等级:	UL94V-0		机械寿命:	≥500次	
Flame retardant rating	UL94V-0		Flame retardant rating	≥500 cycles	
使用环境:	-25°C ~ +85°C		拔出力:	≥2N	
Operating temperature:	-25°C ~ +85°C		Pull-out force:	≥2N	
防护等级:	IP67 (公母互配后)		环保等级:	RoHS	
IP grade:	IP67 (mated)		Environmental grade:	RoHS	

商务条款 Terms of business

起订量:	1 pcs		交货条款:	Ex works
MOQ	1 pcs		Terms of delivery:	Ex works
交货周期:	2周 （紧急订单1周）		海关编码:	854422100
L/T	2 weeks		HS code:	854422100

产品尺寸 Product dimension

推荐面板安装尺寸
Recommended Panel Mounting Dimensions

HONLIX

HLK-08F XXP 0 A-XXX

- M8系列_线端, F_母头, XX_针数, P_线端, 0_车针, A-A编号, XXX_流水码
- 08_M8 Series F_Female, XX_Number of Pin , P_Line end , O_Needle Structure , A_A Code , XXX Series code

应用领域 Application Areas

- 机器人电子机械、电气系统、传感器和工业自动化等工业设备领备
- robots, electronic machinery, electrical systems, sensors, and industrial automation

产品功能特点 Product Points

- 防水IP67
- IP67 (Mated)
- 快速直接插拔
- Fast direct plugging and unplugging
- 体积小
- Very small in size

技术参数 Technical Data

额定电流:	5A	端子接线方式:	铆压
Rated current:	5A	Terminal Connection:	Riveting and pressing
额定电压:	60V	盐雾测试:	48 H
Rated voltage:	60V	Salt spray resistance	48 H
绝缘电阻:	≥5MΩ	耐电压 :	500V AC
Insulation resistance:	≥5MΩ	Withstand voltage :	500V AC
阻燃等级:	UL94V-0	机械寿命:	≥500次
Flame retardant rating	UL94V-0	Flame retardant rating	≥500 cycles
使用环境:	-25°C ~ +85°C	拔出力:	≥2N
Operating temperature:	-25°C ~ +85°C	Pull-out force:	≥2N
防护等级:	IP67 (公母互配后)	环保等级:	RoHS
IP grade:	IP67 (mated)	Environmental grade:	RoHS

商务条款 Terms of business

起订量:	1 pcs	交货条款:	Ex works
MOQ	1 pcs	Terms of delivery:	Ex works
交货周期:	2周（紧急订单1周）	海关编码:	854422100
L/T	2 weeks	HS code:	854422100

产品尺寸 Product dimension

HLK-12F XXP 0 A-XXX

- M12系列_线端, M_公头, XX_针数, P_线端, 0_车针, A-A编号, XXX_流水码
- 08_M8 Series M_Male, XX_Number of Pin , P_Line end , O_Needle Structure , A_A Code , XXX Series code

应用领域 Application Areas

- 机器人电子机械、电气系统、传感器和工业自动化等工业设备领备
- robots, electronic machinery, electrical systems, sensors, and industrial automation

产品功能特点 Product Points

- 防水IP67
- IP67 (Mated)

- 快速直接插拔
- Fast direct plugging and unplugging

- 体积小
- Very small in size

技术参数 Technical Data

额定电流:	5A	端子接线方式:	铆压
Rated current:	5A	Terminal Connection:	Riveting and pressing
额定电压:	60V	盐雾测试:	48 H
Rated voltage:	60V	Salt spray resistance	48 H
绝缘电阻:	≥5MΩ	耐电压 :	500V AC
Insulation resistance:	≥5MΩ	Withstand voltage :	500V AC
阻燃等级:	UL94V-0	机械寿命:	≥500次
Flame retardant rating	UL94V-0	Flame retardant rating	≥500 cycles
使用环境:	-25°C ~ +85°C	拔出力:	≥2N
Operating temperature:	-25°C ~ +85°C	Pull-out force:	≥2N
防护等级:	IP67 (公母互配后)	环保等级:	RoHS
IP grade:	IP67 (mated)	Environmental grade:	RoHS

商务条款 Terms of business

起订量:	1 pcs	交货条款:	Ex works
MOQ	1 pcs	Terms of delivery:	Ex works
交货周期:	2周（紧急订单1周）	海关编码:	854422100
L/T	2 weeks	HS code:	854422100

产品尺寸 Product dimension

推荐面板安装尺寸
Recommended Panel Mounting Dimensions

HLK-12M XXP 0 A-XXX

- M12系列_线端, M_公头, XX_针数, P_线端, 0_车针, A-A编号, XXX_流水码
- 08_M8 Series M_Male, XX_Number of Pin , P_Line end , O_Needle Structure , A_A Code , XXX Series code

应用领域 Application Areas

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额定电流:	5A	端子接线方式:	铆压
Rated current:	5A	Terminal Connection:	Riveting and pressing
额定电压:	60V	盐雾测试:	48 H
Rated voltage:	60V	Salt spray resistance	48 H
绝缘电阻:	≥5MΩ	耐电压 :	500V AC
Insulation resistance:	≥5MΩ	Withstand voltage :	500V AC
阻燃等级:	UL94V-0	机械寿命:	≥500次
Flame retardant rating	UL94V-0	Flame retardant rating	≥500 cycles
使用环境:	-25°C ~ +85°C	拔出力:	≥2N
Operating temperature:	-25°C ~ +85°C	Pull-out force:	≥2N
防护等级:	IP67 (公母互配后)	环保等级:	RoHS
IP grade:	IP67 (mated)	Environmental grade:	RoHS

商务条款 Terms of business

起订量:	1 pcs	交货条款:	Ex works
MOQ	1 pcs	Terms of delivery:	Ex works
交货周期:	2周（紧急订单1周）	海关编码:	854422100
L/T	2 weeks	HS code:	854422100

产品尺寸 Product dimension

推荐面板安装尺寸
Recommended Panel Mounting Dimensions

HLK-16M XXP 0 A-XXX

- M16系列_线端, M_公头, XX_针数, P_线端, 0_车针, A-A编号, XXX_流水码
- 16_M16 Series M_Male, XX_Number of Pin , P_Line end , O_Needle Structure , A_A Code , XXX Series code

应用领域 Application Areas

- 机器人电子机械、电气系统、传感器和工业自动化等工业设备领备
- robots, electronic machinery, electrical systems, sensors, and industrial automation

产品功能特点 Product Points

- 防水IP67
- IP67 (Mated)

- 快速直接插拔
- Fast direct plugging and unplugging

- 体积小
- Very small in size

技术参数 Technical Data

额定电流:	5A	端子接线方式:	铆压
Rated current:	5A	Terminal Connection:	Riveting and pressing
额定电压:	60V	盐雾测试:	48 H
Rated voltage：	60V	Salt spray resistance	48 H
绝缘电阻:	≥5MΩ	耐电压 ：	500V AC
Insulation resistance:	≥5MΩ	Withstand voltage ：	500V AC
阻燃等级:	UL94V-0	机械寿命:	≥500次
Flame retardant rating	UL94V-0	Flame retardant rating	≥500 cycles
使用环境:	-25°C ~ +85°C	拔出力:	≥2N
Operating temperature:	-25°C ~ +85°C	Pull-out force:	≥2N
防护等级:	IP67 (公母互配后)	环保等级:	RoHS
IP grade:	IP67 (mated)	Environmental grade：	RoHS

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起订量:	1 pcs	交货条款:	Ex works
MOQ	1 pcs	Terms of delivery:	Ex works
交货周期:	2周 （紧急订单1周）	海关编码:	854422100
L/T	2 weeks	HS code：	854422100

产品尺寸 Product dimension

推荐面板安装尺寸
Recommended Panel Mounting Dimensions

HLK-16F XXP 0 A-XXX

- M16系列_线端, F_母头, XX_针数, P_线端, 0_车针, A-A编号, XXX_流水码
- 16_M16 Series F_Female, XX_Number of Pin , P_Line end , O_Needle Structure , A_A Code , XXX Series code

应用领域 Application Areas

- 机器人电子机械、电气系统、传感器和工业自动化等工业设备领备
- robots, electronic machinery, electrical systems, sensors, and industrial automation

产品功能特点 Product Points

- 防水IP67
- IP67 (Mated)
- 快速直接插拔
- Fast direct plugging and unplugging
- 体积小
- Very small in size

技术参数 Technical Data

额定电流:	5A	端子接线方式:	铆压
Rated current:	5A	Terminal Connection:	Riveting and pressing
额定电压:	60V	盐雾测试:	48 H
Rated voltage：	60V	Salt spray resistance	48 H
绝缘电阻:	≥5MΩ	耐电压　:	500V AC
Insulation resistance:	≥5MΩ	Withstand voltage　:	500V AC
阻燃等级:	UL94V-0	机械寿命:	≥500次
Flame retardant rating	UL94V-0	Flame retardant rating	≥500 cycles
使用环境:	-25°C ~ +85°C	拔出力:	≥2N
Operating temperature:	-25°C ~ +85°C	Pull-out force:	≥2N
防护等级:	IP67 (公母互配后)	环保等级:	RoHS
IP grade:	IP67 (mated)	Environmental grade：	RoHS

商务条款 Terms of business

起订量:	1 pcs	交货条款:	Ex works
MOQ	1 pcs	Terms of delivery:	Ex works
交货周期:	2周（紧急订单1周）	海关编码:	854422100
L/T	2 weeks	HS code：	854422100

产品尺寸 Product dimension

推荐面板安装尺寸
Recommended Panel Mounting Dimensions

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Honlix Inc.
Tel: +86-0512-57445295
Fax: +86-0512-57440096
E-mail: info@honlix.com
http://www.honlix.com
Zip code: 215 300
Add: No 570, Dewang Road, Zhangpu Town, Kunshan City, Jiangsu Province, China.