

## M12 Automation Technology Special T-Coding

- M12 T-coding
- 4 contacts
- Max 16AWG/1.5mm<sup>2</sup> wire gauge
- -40°C-85°C temperature range
- 12A rated current
- 63V rated voltage
- IP67 degree of protection
- Cable assembly/Panel mount type  
Field attachable type are available
- In accordance with DIN EN 61076-2-111



## M12 自动化技术特殊连接器 T型



- M12 T型
- 4 芯
- 最大16AWG/1.5mm<sup>2</sup>线规
- -40°C-85°C温度范围内
- 12A额定电流
- 63V额定电压
- IP67防护等级
- 电缆组件/面板式/字段可连接类型
- 按照DIN EN 61076-2-111标准

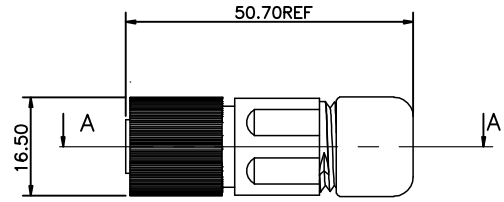
# M12 Circular connectors

## Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T



### Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号       |
|-------------|--------|---------------|--------------|
| 4pins       | T      | 120604-02-001 | ASM12TF04001 |

### Specifications/技术参数

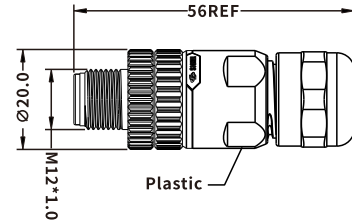
|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4                                    |
| Termination/接线方式           | crimp/压接                             |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Cable OD/线材直径              | 6~8mm                                |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 12A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |

## Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T

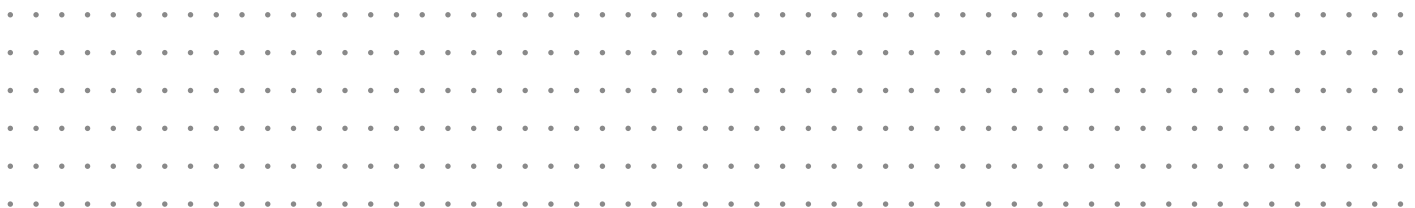


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4pins       | T      | 120604-01-002 | —      |

## Specifications/技术参数

|                            |                                       |
|----------------------------|---------------------------------------|
| Number of contacts/芯数      | 4                                     |
| Termination/接线方式           | solder/焊线式                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max. 16 AWG) |
| Cable OD/线材直径              | 6~8mm                                 |
| Operating temperature/工作温度 | -40°C~+85°C                           |
| Mechanical operation/插拔次数  | > 100 mating cycles                   |
| Rated voltage/额定电压         | 63V                                   |
| Rated current (40°C)/额定电流  | 12A                                   |
| Protection degree/防护等级     | IP67/IP68                             |
| Contact resistance/接触电阻    | ≤3mΩ                                  |
| Insulation resistance/绝缘电阻 | ≥100MΩ                                |
| Pin contact/插针材料           | CuZn                                  |
| Socket contact/插孔材料        | CuSn                                  |
| Contact plating/针孔镀层材料     | Au                                    |



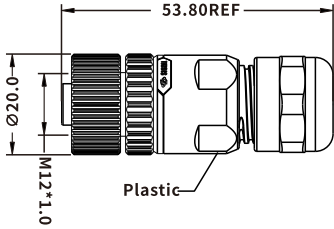
# M12 Circular connectors

## Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T



### Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4pins       | T      | 120604-02-004 | —      |

### Specifications/技术参数

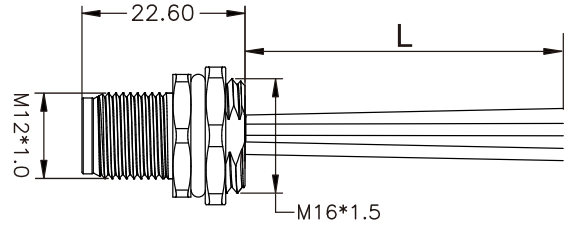
|                            |                                       |
|----------------------------|---------------------------------------|
| Number of contacts/芯数      | 4                                     |
| Termination/接线方式           | solder/焊线式                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max. 16 AWG) |
| Cable OD/线材直径              | 6~8mm                                 |
| Operating temperature/工作温度 | -40°C ~ +85°C                         |
| Mechanical operation/插拔次数  | > 100 mating cycles                   |
| Rated voltage/额定电压         | 63V                                   |
| Rated current (40°C)/额定电流  | 12A                                   |
| Protection degree/防护等级     | IP67/IP68                             |
| Contact resistance/接触电阻    | ≤3mΩ                                  |
| Insulation resistance/绝缘电阻 | ≥100MΩ                                |
| Pin contact/插针材料           | CuZn                                  |
| Socket contact/插孔材料        | CuSn                                  |
| Contact plating/针孔镀层材料     | Au                                    |

## Male panel connector

Product figure (rear fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T

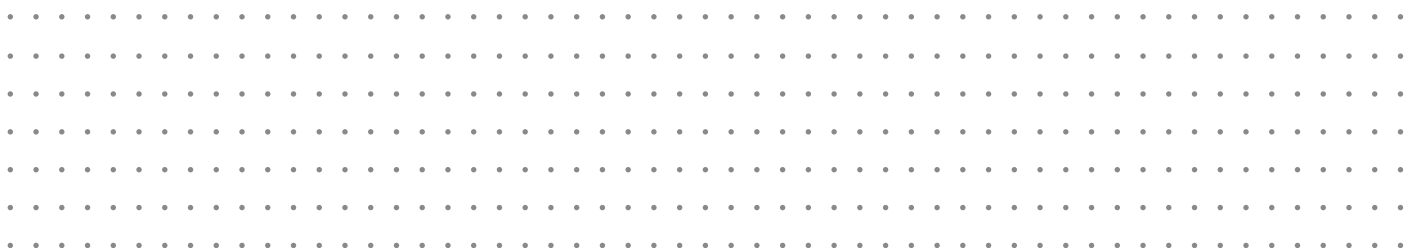


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号        |
|-------------|--------|---------------|---------------|
| 4pins       | T      | 120604-03-001 | PMM12BTM04001 |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4                                    |
| Termination/接线方式           | solder/焊线式                           |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C~+80°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 12A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



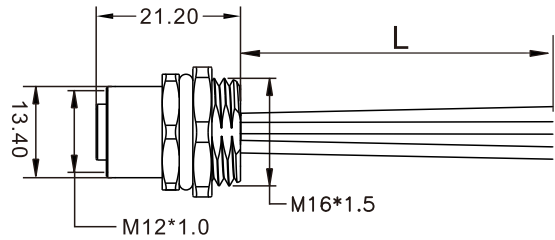
# M12 Circular connectors

## Female panel connector

Product figure (rear fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T



### Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号        |
|-------------|--------|---------------|---------------|
| 4pins       | T      | 120604-04-001 | PMM12BTF04001 |

### Specifications/技术参数

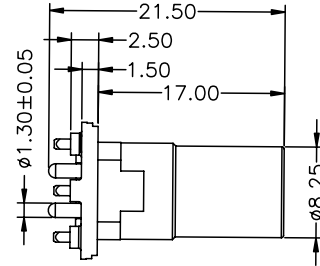
|                            |                                       |
|----------------------------|---------------------------------------|
| Number of contacts/芯数      | 4                                     |
| Termination/接线方式           | solder/焊线式                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max. 16 AWG) |
| Operating temperature/工作温度 | -40°C ~ +80°C                         |
| Mechanical operation/插拔次数  | > 100 mating cycles                   |
| Rated voltage/额定电压         | 63V                                   |
| Rated current (40°C)/额定电流  | 12A                                   |
| Protection degree/防护等级     | IP67/IP68                             |
| Contact resistance/接触电阻    | ≤ 3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥ 100MΩ                               |
| Pin contact/插针材料           | CuZn                                  |
| Socket contact/插孔材料        | CuSn                                  |
| Contact plating/针孔镀层材料     | Au                                    |

## M12 T-coding male SMT

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T

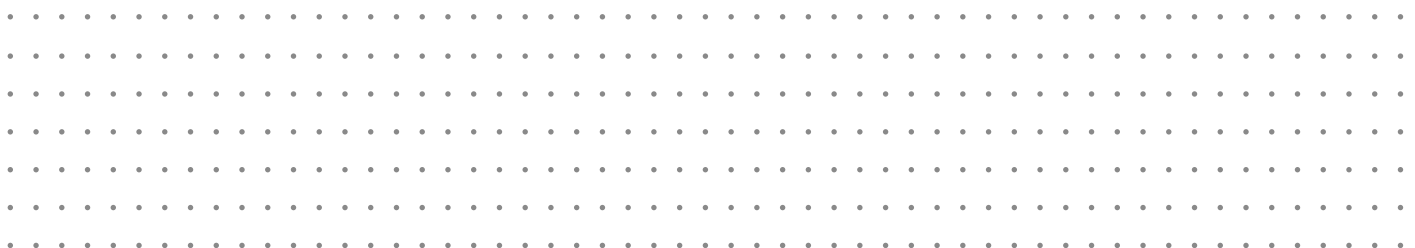


### Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号        |
|-------------|--------|---------------|---------------|
| 4pins       | T      | 120604-03-002 | PMM12FTM04002 |

### Specifications/技术参数

|                            |                     |
|----------------------------|---------------------|
| Number of contacts/芯数      | 4                   |
| Termination/接线方式           | SMT                 |
| Wire gauge/线规              | —                   |
| Operating temperature/工作温度 | -40°C~+85°C         |
| Mechanical operation/插拔次数  | > 100 mating cycles |
| Rated voltage/额定电压         | 63V                 |
| Rated current (40°C)/额定电流  | 12A                 |
| Protection degree/防护等级     | IP67                |
| Contact resistance/接触电阻    | ≤3mΩ                |
| Insulation resistance/绝缘电阻 | ≥100MΩ              |
| Pin contact/插针材料           | CuZn                |
| Socket contact/插孔材料        | CuSn                |
| Contact plating/针孔镀层材料     | Au                  |



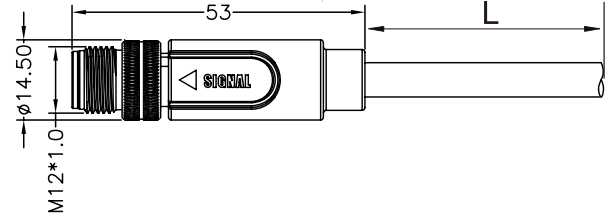
# M12 Circular connectors

## Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T



## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号        |
|-------------|--------|---------------|---------------|
| 4pins       | T      | 120604-05-002 | CAM12STM04002 |

## Specifications/技术参数

|                            |                                       |
|----------------------------|---------------------------------------|
| Number of contacts/芯数      | 4                                     |
| Termination/接线方式           | moulded on cable/成型线                  |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max. 16 AWG) |
| Operating temperature/工作温度 | -40°C ~ +80°C                         |
| Mechanical operation/插拔次数  | > 100 mating cycles                   |
| Rated voltage/额定电压         | 63V                                   |
| Rated current (40°C)/额定电流  | 12A                                   |
| Protection degree/防护等级     | IP67/IP68                             |
| Contact resistance/接触电阻    | ≤ 3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥ 100MΩ                               |
| Pin contact/插针材料           | CuZn                                  |
| Socket contact/插孔材料        | CuSn                                  |
| Contact plating/针孔镀层材料     | Au                                    |

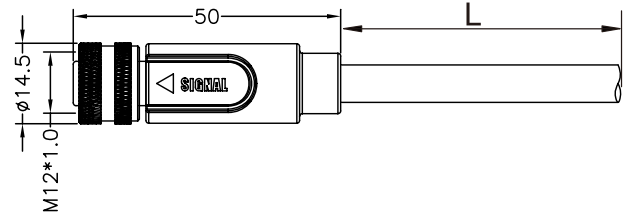


## Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

T

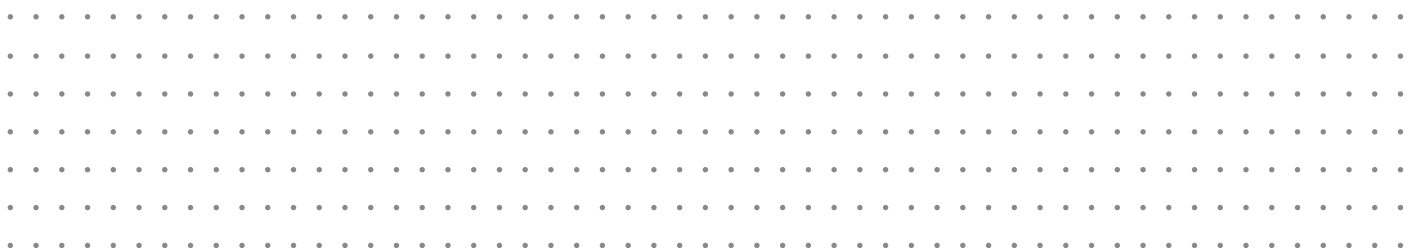


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号        |
|-------------|--------|---------------|---------------|
| 4pins       | T      | 120604-06-003 | CAM12STF04001 |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4                                    |
| Termination/接线方式           | moulded on cable/成型线                 |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C ~ +80°C                        |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 12A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



## M12 Automation Technology Special E-Coding

- M12 E-coding
- 5 contacts
- Max 16AWG/1.5mm<sup>2</sup> wire gauge
- -40°C-85°C temperature range
- 16A rated current
- 63V rated voltage
- IP67 degree of protection
- Cable assembly/Panel mount type  
Field attachable type are available
- In accordance with DIN EN 61076-2-111



## M12 自动化技术特殊连接器 E型



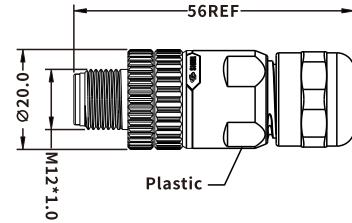
- M12 E型
- 5 芯
- 最大16AWG/1.5mm<sup>2</sup>线规
- -40°C-85°C温度范围内
- 16A额定电流
- 63V额定电压
- IP67防护等级
- 电缆组件/面板式/字段可连接类型
- 按照DIN EN 61076-2-111标准

## Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

E

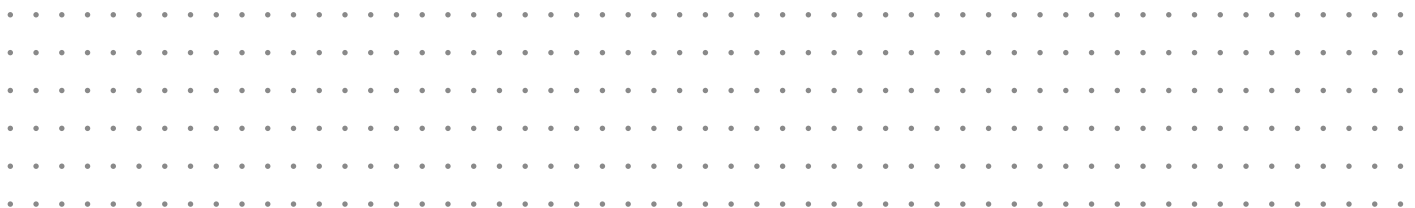


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4+FE        | E      | 121105-01-001 | —      |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+FE                                 |
| Termination/接线方式           | solder/焊接                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Cable OD/线材直径              | 6~8mm                                |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



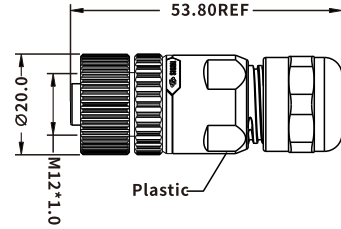
# M12 Circular connectors

## Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

E



### Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4+FE        | E      | 121105-02-001 | —      |

### Specifications/技术参数

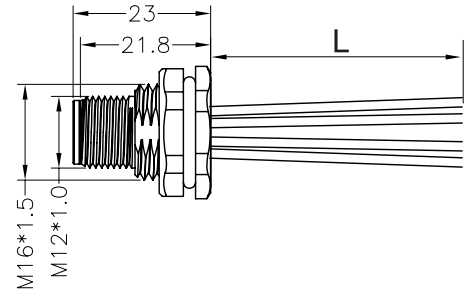
|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+FE                                 |
| Termination/接线方式           | solder/焊接                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Cable OD/线材直径              | 6~8mm                                |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |

## Male panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

E

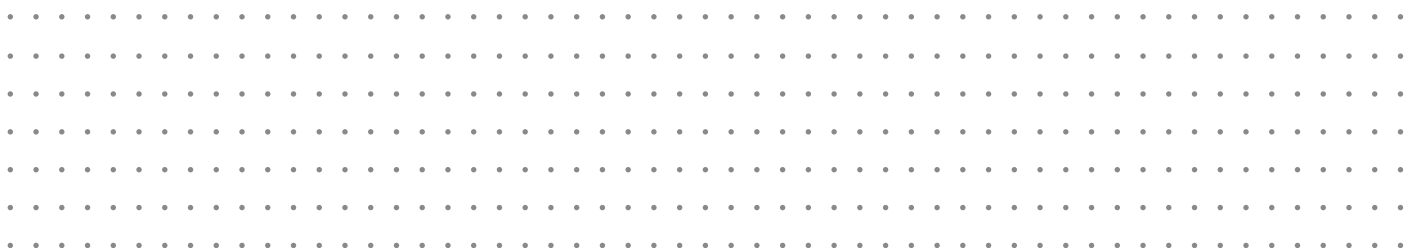


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4+FE        | E      | 121105-03-001 | —      |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+FE                                 |
| Termination/接线方式           | solder/焊线式                           |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C~+80°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



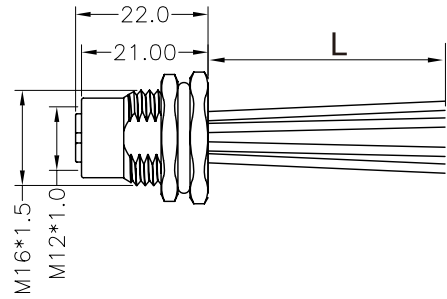
# M12 Circular connectors

## Female panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

E



## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4+FE        | E      | 121105-04-001 | —      |

## Specifications/技术参数

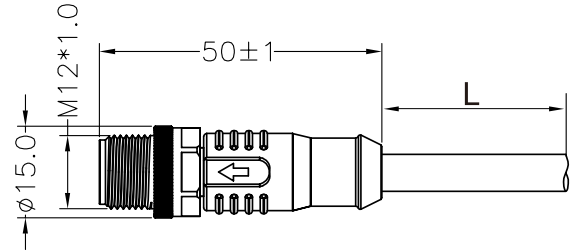
|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+FE                                 |
| Termination/接线方式           | solder/焊线式                           |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C~+80°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |

## Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

E

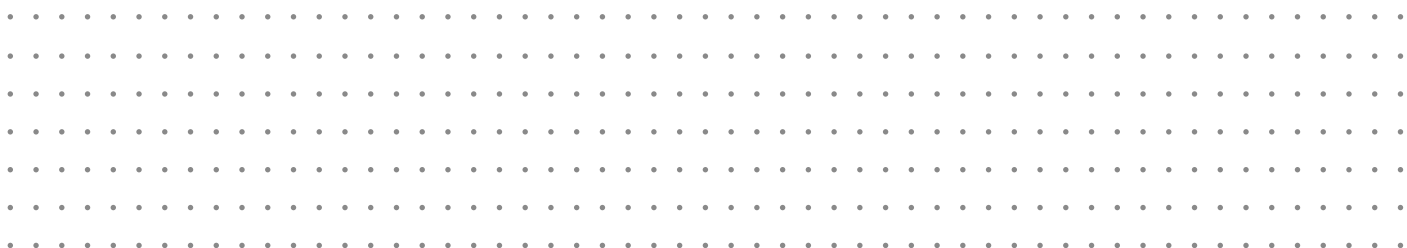


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4+FE        | E      | 121105-05-001 | —      |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+FE                                 |
| Termination/接线方式           | moulded on cable/成型线                 |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C~+80°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



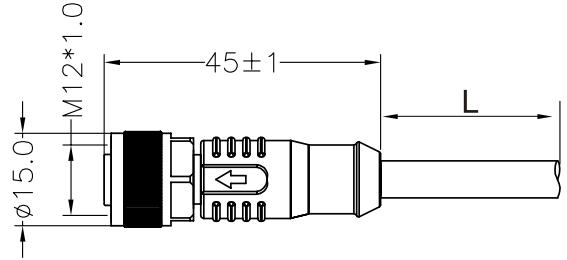
# M12 Circular connectors

## Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

E



## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4+FE        | E      | 121105-06-001 | —      |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+FE                                 |
| Termination/接线方式           | solder/焊线式                           |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C~+80°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



## M12 Automation Technology Special F-Coding

- M12 F-coding
- 4 contacts
- Max 16AWG/1.5mm<sup>2</sup> wire gauge
- -40°C-85°C temperature range
- 16A rated current
- 63V rated voltage
- IP67 degree of protection
- Cable assembly/Panel mount type  
Field attachable type are available
- In accordance with DIN EN 61076-2-111



## M12 自动化技术特殊连接器 F型



- M12 F型
- 4 芯
- 最大16AWG/1.5mm<sup>2</sup>线规
- -40°C-85°C温度范围内
- 16A额定电流
- 63V额定电压
- IP67防护等级
- 电缆组件/面板式/字段可连接类型
- 按照DIN EN 61076-2-111标准

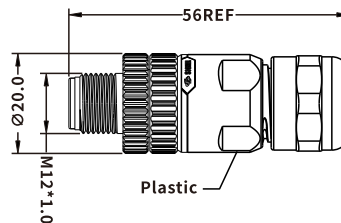
# M12 Circular connectors

## Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

F



### Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4pins       | F      | 121204-01-001 | —      |

### Specifications/技术参数

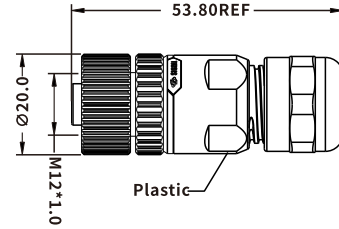
|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4                                    |
| Termination/接线方式           | solder/焊接                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Cable OD/线材直径              | 6~8mm                                |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |

## Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

F

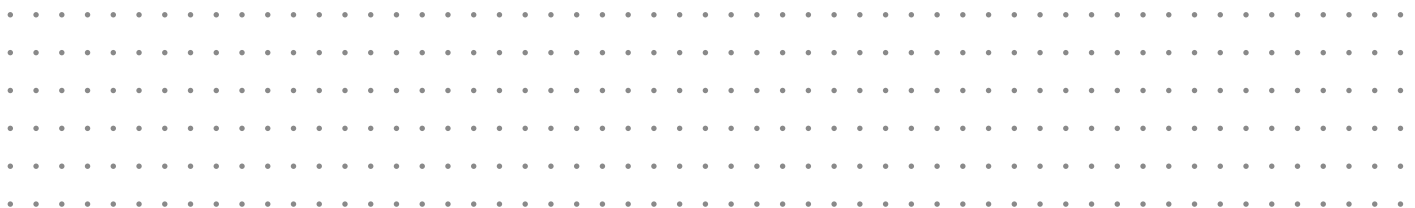


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4pins       | F      | 121204-02-001 | —      |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4                                    |
| Termination/接线方式           | solder/焊接                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Cable OD/线材直径              | 6~8mm                                |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



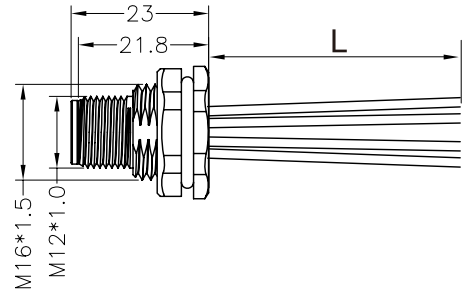
# M12 Circular connectors

## Male panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

F



### Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4pins       | F      | 121204-03-001 | —      |

### Specifications/技术参数

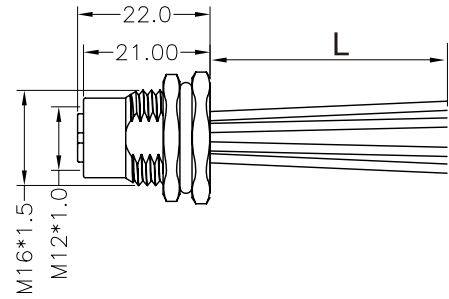
|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4                                    |
| Termination/接线方式           | solder/焊线式                           |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C~+80°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |

## Female panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

F

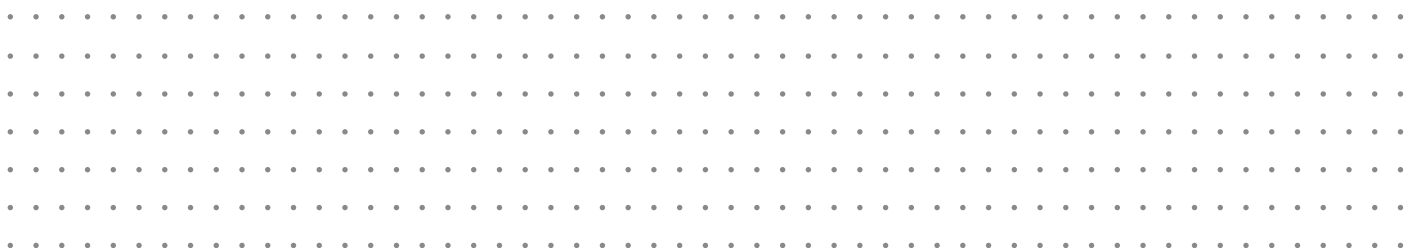


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4pins       | F      | 121204-04-001 | —      |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4                                    |
| Termination/接线方式           | solder/焊线式                           |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C~+80°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



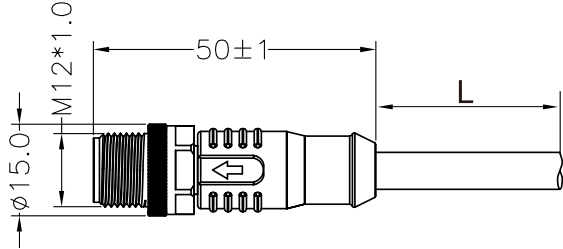
# M12 Circular connectors

## Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

F

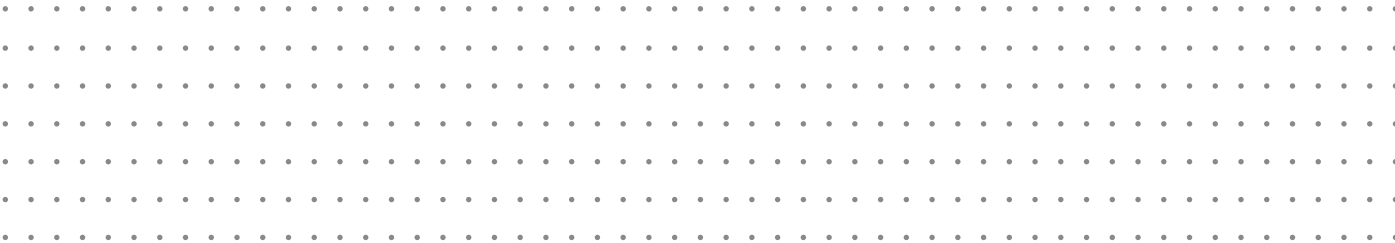


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4pins       | F      | 121204-05-001 | —      |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4                                    |
| Termination/接线方式           | moulded on cable/成型线                 |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C~+80°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



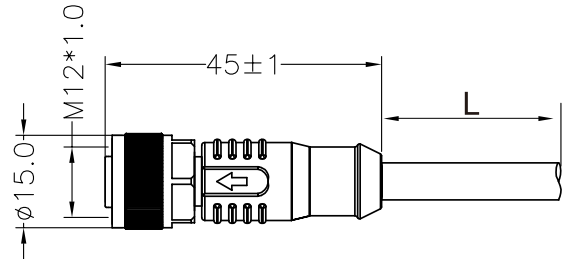
M5  
M8  
M9  
M12  
M16  
M23  
7/8  
DB  
NMEA  
D-Sub  
USB  
RF  
P-P

## Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4pins

F

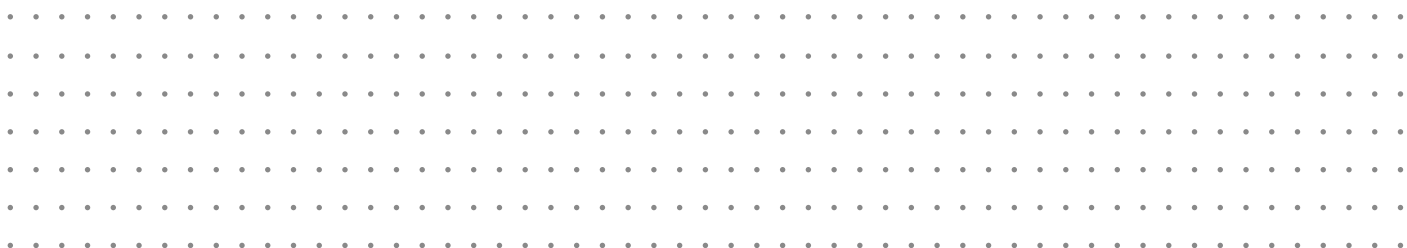


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4pins       | F      | 121204-06-001 | —      |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4                                    |
| Termination/接线方式           | moulded on cable/成型线                 |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C ~ +85°C                        |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



## M12 Automation Technology Special K-Coding

- M12 K-coding
- 5 contacts
- Max 16AWG/1.5mm<sup>2</sup> wire gauge
- -40°C-85°C temperature range
- 12A rated current
- 630V rated voltage
- IP67 degree of protection
- Cable assembly/Panel mount type  
Field attachable type are available
- In accordance with DIN EN 61076-2-111



## M12 自动化技术特殊连接器 K型



- M12 K型
- 5 芯
- 最大16AWG/1.5mm<sup>2</sup>线规
- -40°C-85°C温度范围内
- 12A额定电流
- 630V额定电压
- IP67防护等级
- 电缆组件/面板式/字段可连接类型
- 按照DIN EN 61076-2-111标准

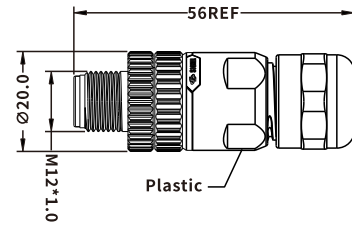


## Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+PE

K

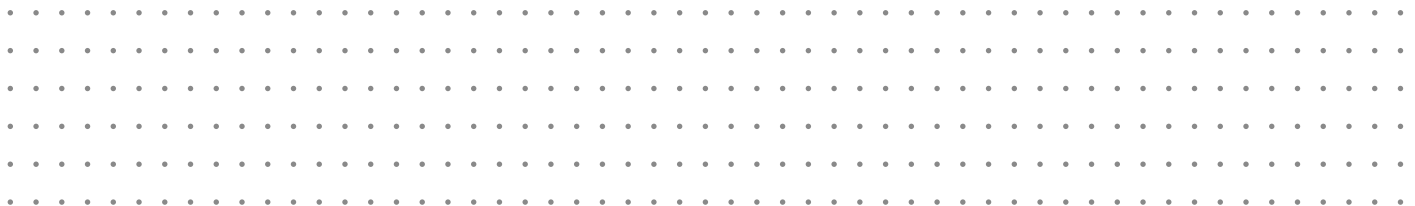


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4+PE        | K      | 121305-01-001 | —      |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+PE                                 |
| Termination/接线方式           | solder/焊接                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Cable OD/线材直径              | 6~8mm                                |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 630V                                 |
| Rated current (40°C)/额定电流  | 12A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



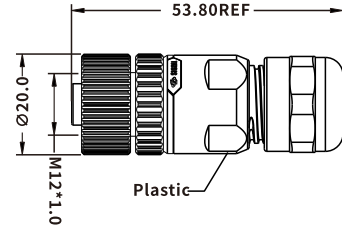
# M12 Circular connectors

## Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+PE

K



### Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4+PE        | K      | 121305-02-001 | —      |

### Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+PE                                 |
| Termination/接线方式           | solder/焊接                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Cable OD/线材直径              | 6~8mm                                |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 630V                                 |
| Rated current (40°C)/额定电流  | 12A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |

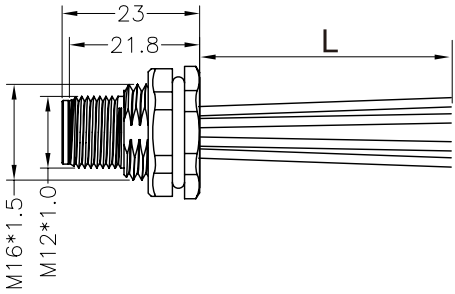
# M12 Circular connectors

## Male panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+PE

K

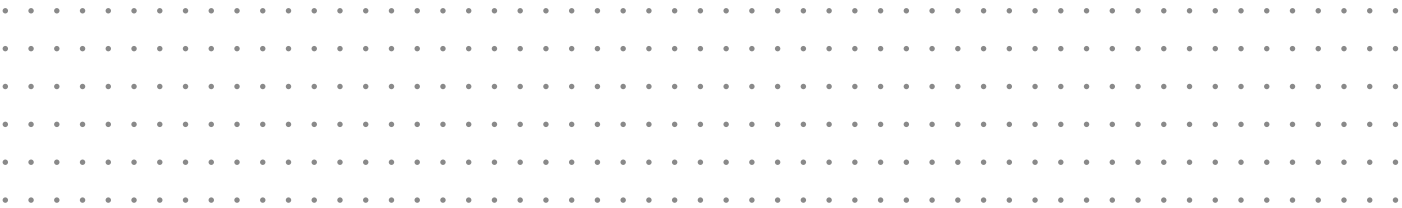


### Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4+PE        | K      | 121305-03-001 | —      |

### Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+PE                                 |
| Termination/接线方式           | solder/焊接                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Cable OD/线材直径              | 6~8mm                                |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 630V                                 |
| Rated current (40°C)/额定电流  | 12A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



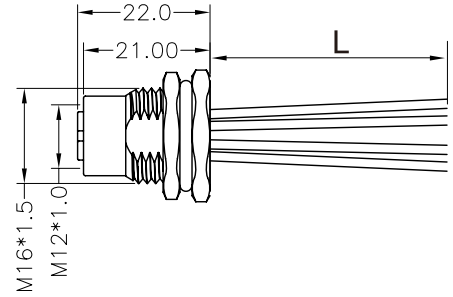
# M12 Circular connectors

## Female panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+PE

K



## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4+PE        | K      | 121305-04-001 | —      |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+PE                                 |
| Termination/接线方式           | solder/焊接                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Cable OD/线材直径              | 6~8mm                                |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 630V                                 |
| Rated current (40°C)/额定电流  | 12A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |

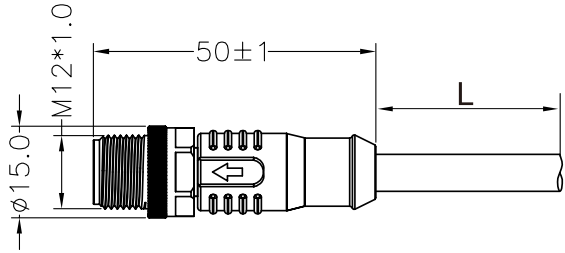
# M12 Circular connectors

## Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+PE

K

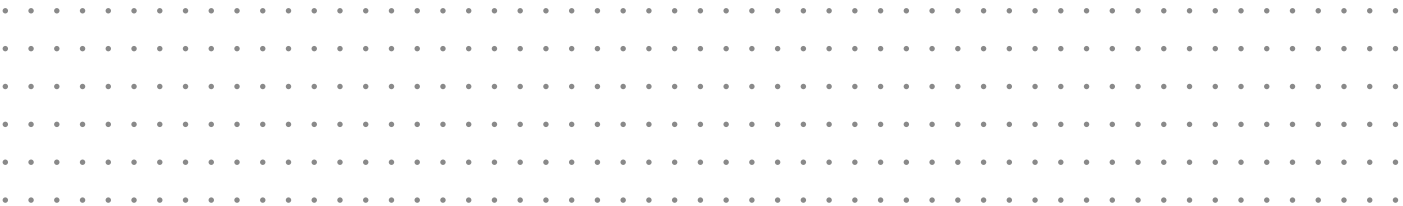


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4+PE        | K      | 121305-05-001 | —      |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+PE                                 |
| Termination/接线方式           | solder/焊接                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Cable OD/线材直径              | 6~8mm                                |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 630V                                 |
| Rated current (40°C)/额定电流  | 12A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



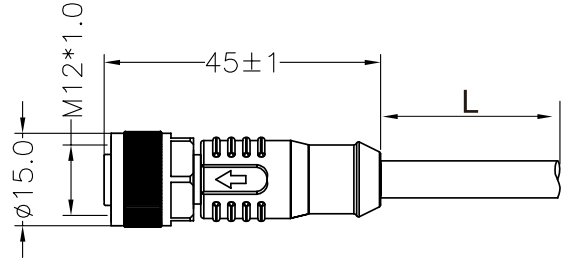
# M12 Circular connectors

## Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+PE

K



## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 4+PE        | K      | 121305-06-001 | —      |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+PE                                 |
| Termination/接线方式           | solder/焊接                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Cable OD/线材直径              | 6~8mm                                |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 630V                                 |
| Rated current (40°C)/额定电流  | 12A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |

## M12 Automation Technology Special L-Coding

- M12 L-coding
- 5 contacts
- Max 16AWG/1.5mm<sup>2</sup> wire gauge
- -40°C-85°C temperature range
- 16A rated current
- 63V rated voltage
- IP67 degree of protection
- Cable assembly/Panel mount type  
Field attachable type are available
- In accordance with DIN EN 61076-2-111



## M12 自动化技术特殊连接器 L型



- M12 L型
- 5 芯
- 最大16AWG/1.5mm<sup>2</sup>线规
- -40°C-85°C温度范围内
- 16A额定电流
- 63V额定电压
- IP67防护等级
- 电缆组件/面板式/字段可连接类型
- 按照DIN EN 61076-2-111标准

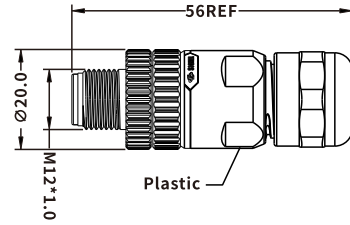
# M12 Circular connectors

## Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L



### Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号      | P/N/料号 |
|-------------|--------|-------------------|--------|
| 4+FE        | L      | 121005-01-001/002 | —      |

### Specifications/技术参数

| Number of contacts/芯数      | 4+FE                                 |
|----------------------------|--------------------------------------|
| Termination/接线方式           | solder/焊接/screw clamp/锁螺丝            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Cable OD/线材直径              | 6~8mm                                |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |

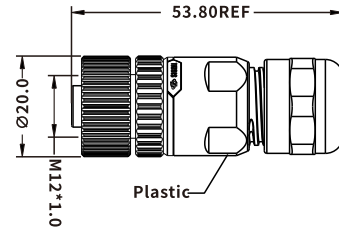


## Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L



## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号      | P/N/料号 |
|-------------|--------|-------------------|--------|
| 4+FE        | L      | 121005-02-001/002 | —      |

## Specifications/技术参数

| Number of contacts/芯数      | 4+FE                                 |
|----------------------------|--------------------------------------|
| Termination/接线方式           | solder/焊接/screw clamp/锁螺丝            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Cable OD/线材直径              | 6~8mm                                |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



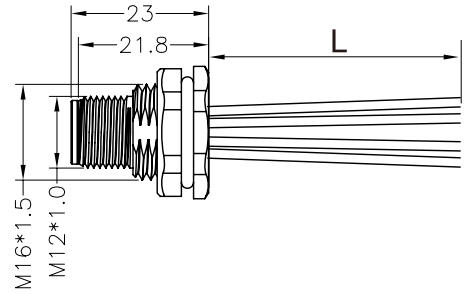
# M12 Circular connectors

## Male panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L



## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号        |
|-------------|--------|---------------|---------------|
| 4+FE        | L      | 121005-03-005 | PMM12FLM05001 |

## Specifications/技术参数

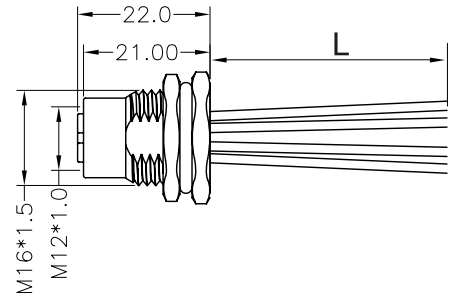
|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+FE                                 |
| Termination/接线方式           | solder/焊线式                           |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C~+80°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |

## Female panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L

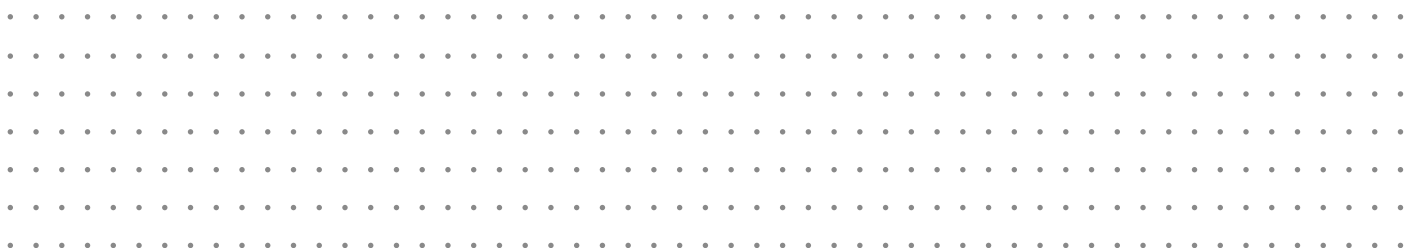


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号        |
|-------------|--------|---------------|---------------|
| 4+FE        | L      | 121005-04-001 | PMM12FLF05001 |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+FE                                 |
| Termination/接线方式           | solder/焊线式                           |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C~+80°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



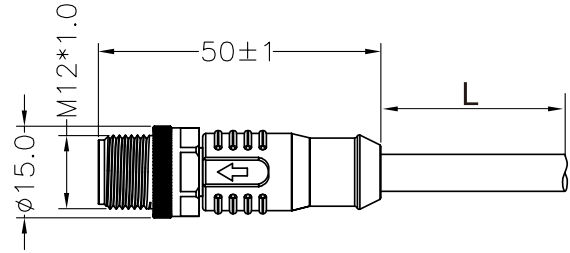
# M12 Circular connectors

## Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L



## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号        |
|-------------|--------|---------------|---------------|
| 4+FE        | L      | 121005-05-001 | CAM12SLM05001 |

## Specifications/技术参数

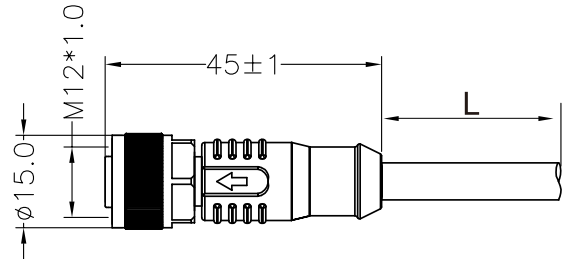
|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+FE                                 |
| Termination/接线方式           | moulded on cable/成型线                 |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C~+80°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |

## Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

4+FE

L

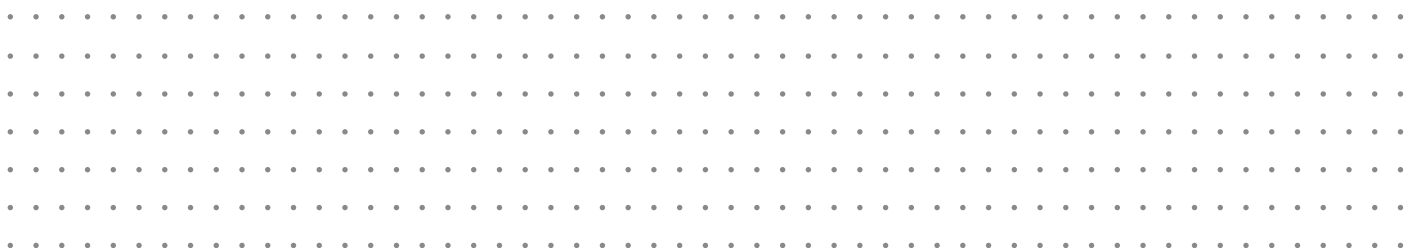


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号        |
|-------------|--------|---------------|---------------|
| 4+FE        | L      | 121005-06-001 | CAM12SLF05001 |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 4+FE                                 |
| Termination/接线方式           | moulded on cable/成型线                 |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 63V                                  |
| Rated current (40°C)/额定电流  | 16A                                  |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



## M12 Automation Technology Special M-Coding

- M12 M-coding
- 6 contacts
- Max 16AWG/1.5mm<sup>2</sup> wire gauge
- -40°C-85°C temperature range
- 8A rated current
- 630V rated voltage
- IP67 degree of protection
- Cable assembly/Panel mount type  
Field attachable type are available
- In accordance with DIN EN 61076-2-111



## M12 自动化技术特殊连接器M型



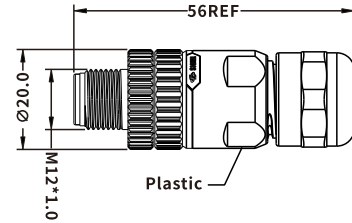
- M12 M型
- 6 芯
- 最大16AWG/1.5mm<sup>2</sup>线规
- -40°C-85°C温度范围内
- 8A额定电流
- 630V额定电压
- IP67防护等级
- 电缆组件/面板式/字段可连接类型
- 按照DIN EN 61076-2-111标准

## Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

M

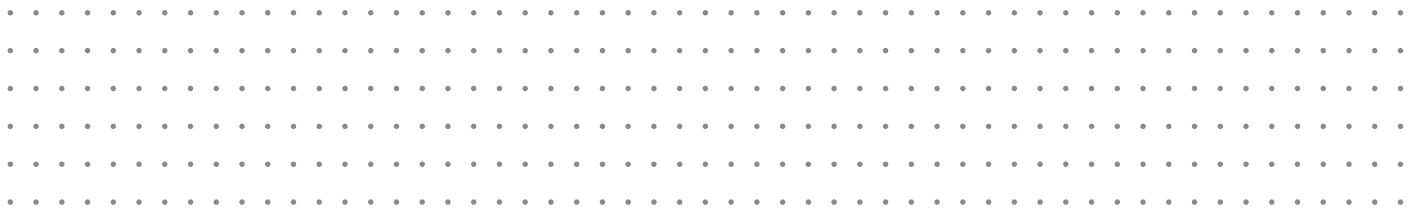


### Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 5+PE        | M      | 121406-01-001 | —      |

### Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 5+PE                                 |
| Termination/接线方式           | solder/焊接                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Cable OD/线材直径              | 6~8mm                                |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 630V                                 |
| Rated current (40°C)/额定电流  | 8A                                   |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



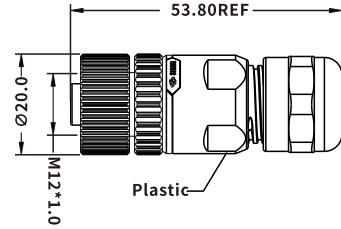
# M12 Circular connectors

## Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

M



### Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 5+PE        | M      | 121406-02-001 | —      |

### Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 5+PE                                 |
| Termination/接线方式           | solder/焊接                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Cable OD/线材直径              | 6~8mm                                |
| Operating temperature/工作温度 | -40°C~+85°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 630V                                 |
| Rated current (40°C)/额定电流  | 8A                                   |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |

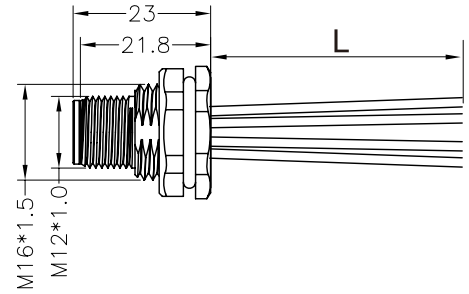


## Male panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

M

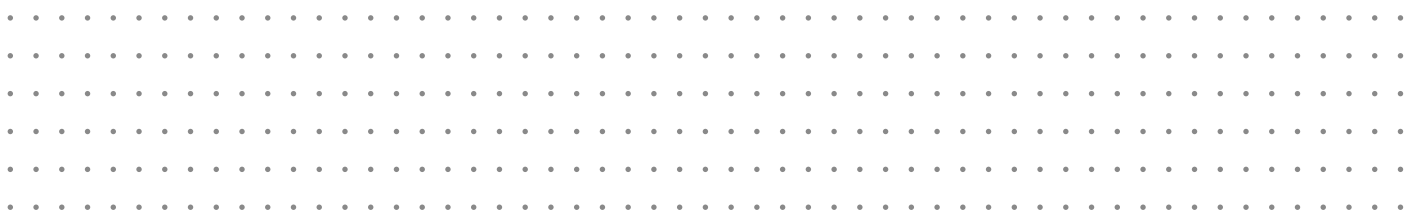


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 5+PE        | M      | 121406-03-001 | —      |

## Specifications/技术参数

|                            |                                       |
|----------------------------|---------------------------------------|
| Number of contacts/芯数      | 5+PE                                  |
| Termination/接线方式           | solder/焊接                             |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max. 16 AWG) |
| Operating temperature/工作温度 | -40°C ~ +80°C                         |
| Mechanical operation/插拔次数  | > 100 mating cycles                   |
| Rated voltage/额定电压         | 630V                                  |
| Rated current (40°C)/额定电流  | 8A                                    |
| Protection degree/防护等级     | IP67/IP68                             |
| Contact resistance/接触电阻    | ≤3mΩ                                  |
| Insulation resistance/绝缘电阻 | ≥100MΩ                                |
| Pin contact/插针材料           | CuZn                                  |
| Socket contact/插孔材料        | CuSn                                  |
| Contact plating/针孔镀层材料     | Au                                    |



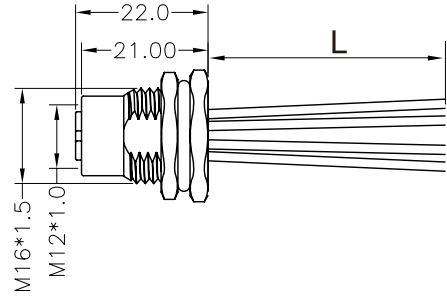
# M12 Circular connectors

## Female panel connector

Product figure (front fastened)



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

M



## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 5+PE        | M      | 121406-04-001 | —      |

## Specifications/技术参数

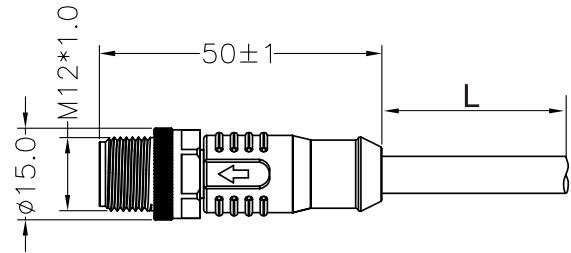
|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 5+PE                                 |
| Termination/接线方式           | solder/焊接                            |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C~+80°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 630V                                 |
| Rated current (40°C)/额定电流  | 8A                                   |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |

## Male cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

M

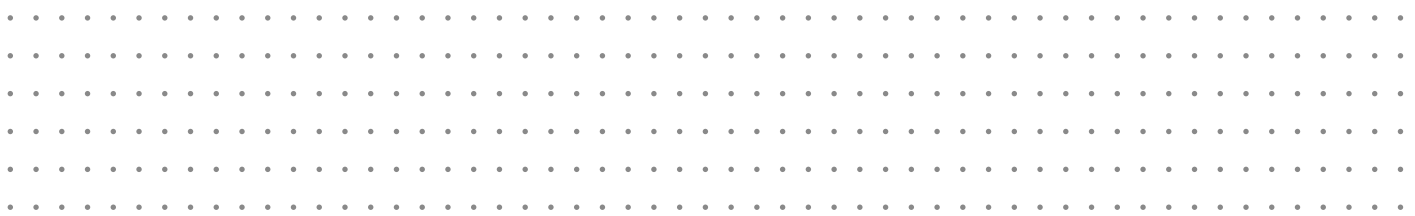


## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 5+PE        | M      | 121406-05-001 | —      |

## Specifications/技术参数

|                            |                                      |
|----------------------------|--------------------------------------|
| Number of contacts/芯数      | 5+PE                                 |
| Termination/接线方式           | moulded on cable/成型线                 |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max.16 AWG) |
| Operating temperature/工作温度 | -40°C~+80°C                          |
| Mechanical operation/插拔次数  | > 100 mating cycles                  |
| Rated voltage/额定电压         | 630V                                 |
| Rated current (40°C)/额定电流  | 8A                                   |
| Protection degree/防护等级     | IP67/IP68                            |
| Contact resistance/接触电阻    | ≤3mΩ                                 |
| Insulation resistance/绝缘电阻 | ≥100MΩ                               |
| Pin contact/插针材料           | CuZn                                 |
| Socket contact/插孔材料        | CuSn                                 |
| Contact plating/针孔镀层材料     | Au                                   |



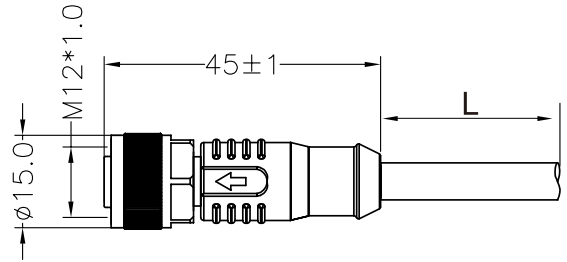
# M12 Circular connectors

## Female cable

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

5+PE

M



## Order Data/订货信息

| Contacts/芯数 | Coding | Order No/订货号  | P/N/料号 |
|-------------|--------|---------------|--------|
| 5+PE        | M      | 121406-06-001 | —      |

## Specifications/技术参数

|                            |                                       |
|----------------------------|---------------------------------------|
| Number of contacts/芯数      | 5+PE                                  |
| Termination/接线方式           | moulded on cable/成型线                  |
| Wire gauge/线规              | max. 1.5mm <sup>2</sup> (max. 16 AWG) |
| Operating temperature/工作温度 | -40°C~+80°C                           |
| Mechanical operation/插拔次数  | > 100 mating cycles                   |
| Rated voltage/额定电压         | 630V                                  |
| Rated current (40°C)/额定电流  | 8A                                    |
| Protection degree/防护等级     | IP67/IP68                             |
| Contact resistance/接触电阻    | ≤3mΩ                                  |
| Insulation resistance/绝缘电阻 | ≥100MΩ                                |
| Pin contact/插针材料           | CuZn                                  |
| Socket contact/插孔材料        | CuSn                                  |
| Contact plating/针孔镀层材料     | Au                                    |