

LY预制线束

工业信号、电源连接

■ 螺纹连接



螺纹式

ISO9001



ISO14001



ISO45001



华伦网站



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★ 本公司可按照客户提供的产品图纸定制特殊技术要求的产品。敬请垂询！



高新技术企业认定证书



外商投资先进技术企业确认证书



企业信用等级AAA证书

LY螺纹连接预制线束连接器

螺纹连接, 牢固, 抗振



环境性能

过电压类别	II/III	频率	50/60Hz
相对湿度	40℃±2℃时 95%		
耐盐雾腐蚀试验	≥96h	IEC60512-11-7	
防护等级	IP65/IP67	IEC60529	
污染等级	2/3		
阻燃	UL94V-0		
耐液	汽油、矿物油、酸、碱		

材料性能: RoHS

外壳	铜合金 (镀镍铬)
接触件	黄铜镀金 (注: φ 2.5 镀银)
绝缘体	塑料: UL认证
	CTI ≥ 600V
	阻燃等级UL94V-0

机械性能

振动正弦	10-500Hz 5g<1μs	IEC60512-6d
冲击半正弦	50g 11ms	IEC60512-6C
机械测试次数	500次	IEC60512-9-1

电气性能

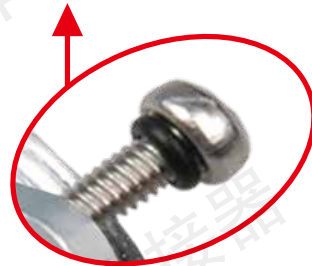
工作温度	下限-55℃; 上限+125℃				
绝缘电阻	常态≥5000MΩ; 湿热≥100MΩ				
接触件直径(mm)	0.8	1.0	1.5	1.6	2.5
额定电流(A)	3A	5A	10A	13A	20A
额定电压(VAC)	详见绝缘体芯位图分列 ⑨ ~ ⑩页				
尾端接线(mm²)	<0.3	0.5-0.75	1~1.5	1~2	1.5~2.5
接触电阻(mΩ)	<8	<5	<2.5	<2.25	<1
耐受交流电压(VAC) [50/60Hz]	详见绝缘体芯位图分列 ⑨ ~ ⑩页 注: 高海拔低气压环境宜参照GB/T4797.2-2005标准				
屏蔽	按客户要求配置				

产品应用图示

FH插座



不锈钢螺栓



连接印制版插座

LY预制插头 —— 订货代码 —— (释义)

单端预制

例: LY 12 J4 T P D**

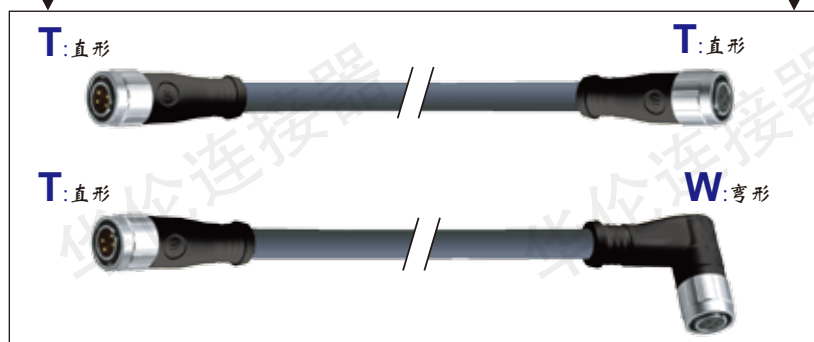
① ② ③ ④ ⑤ ⑥



双端预制

例: LY 12 J4 T F S** // LY 12 K4 W

① ② ③ ④ ⑤ ⑥ // ⑦ ⑧ ⑨ ⑩



释义

① ⑦ LY
↓ ↓
螺纹式 预制

④ ⑩ T: 直形插头
W: 弯形插头

② ⑧ 12, 16, 18: 外壳规格, 请参阅P11~12页
规格: 配面板安装固定插座安装端外径名义尺寸

⑤ P: 屏蔽
F: 非屏蔽

③ ⑨ 绝缘体:
J K 4
↓ ↓ ↓
J: 针式 K: 孔式 芯数

⑥ D 或 S **
↓ ↓
D: 单绞线 S: 双绞线 电缆线长度

绝缘体规格选择: 请参阅P11~12页

LY移动式预制插座 —— 订货代码 —— (释义)

单端预制

例:

LY

①

12

②

J5

③

ZT

④

同客户约定

P

⑤

D**

⑥



双端预制

例:

LY

①

12

②

J4

③

ZT

④

同客户约定

F

⑤

S**

⑥

//

LY

⑦

12

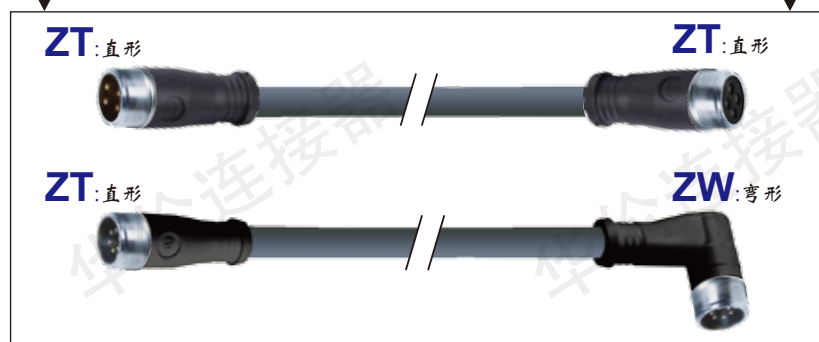
⑧

K4

⑨

ZW

⑩



释义

① ⑦ **LY**
↓ ↓
螺纹式 预制

④ ⑩ **ZT**: 直形移动式插座
ZW: 弯形移动式插座

② ⑧ **12, 16, 18**: 外壳规格, 请参阅P11~12页
规格: 配面板安装固定插座安装端外径名义尺寸

⑤ **P**: 屏蔽
F: 非屏蔽

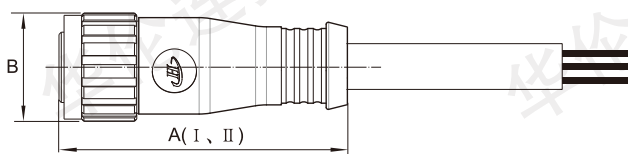
③ ⑨ 绝缘体:
J 或 **K** **4**
↓ ↓
J: 针式 K: 孔式 芯数

⑥ **D** 或 **S** ******
↓ ↓
D: 单绞线 S: 双绞线 电缆线长度

绝缘体规格选择: 请参阅P11~12页

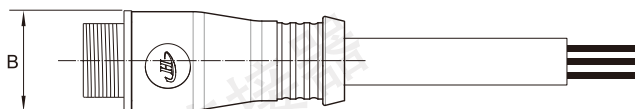
LY预制外形尺寸图

T 直形预制插头



预制插头-直形

ZT 直形预制插座

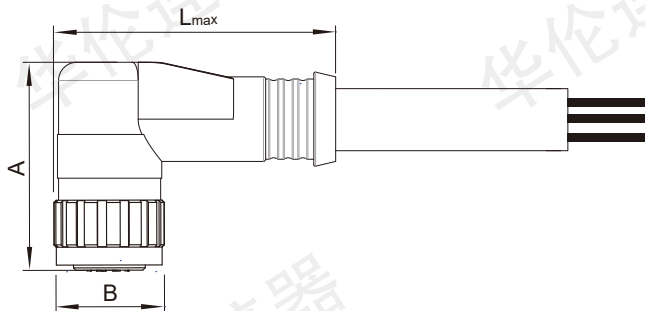


预制插座-直形

单位: mm

规格	A I (max)	A II (max)	B
12	50	56	φ 17
16	56	62	φ 22
18	62	64	φ 24.5

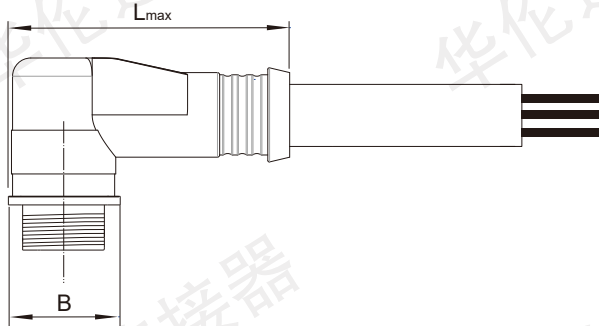
W 弯形预制插头



预制插头-弯形



ZW 弯形预制插座



预制插座-弯形

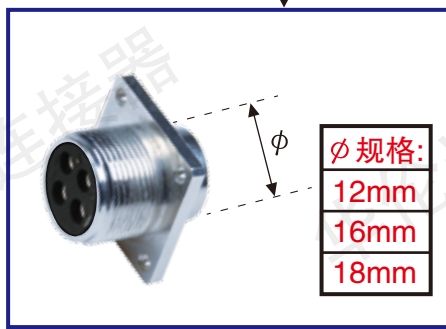


单位: mm

规格	A	B	L max
12	45	φ 17	45
16	50	φ 22	50
18	52.5	φ 24.5	52.5

LY面板安装固定插座 — 订货代码 — (释义)

例: LY 12 K4 Z
① ② ③ ④



释 义

① L Y
↓ ↓
螺纹式 预制

③ 绝缘体:
J 或 K 4
↓ ↓
J: 针式 芯数
K: 孔式

绝缘体规格选择: 请参阅P11~12页

② 12,16,18: 外壳规格,
请参阅P11~12页
规格: 面板安装固定插座安装端外径名义尺寸

④ Z: 面板安装固定插座



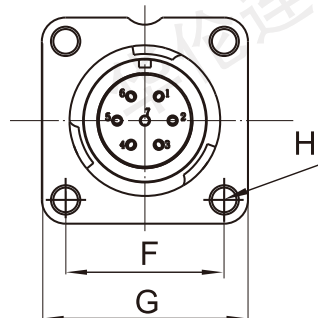
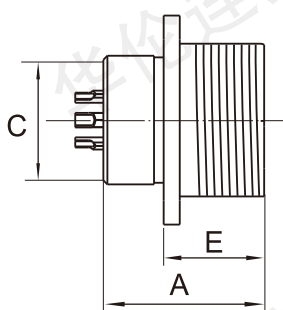
LY三通转换器订货代码

产品规格	订购代码
LY12	LY12-3T
LY16	LY16-3T
LY18	LY18-3T

LY面板安装固定插座尺寸和安装



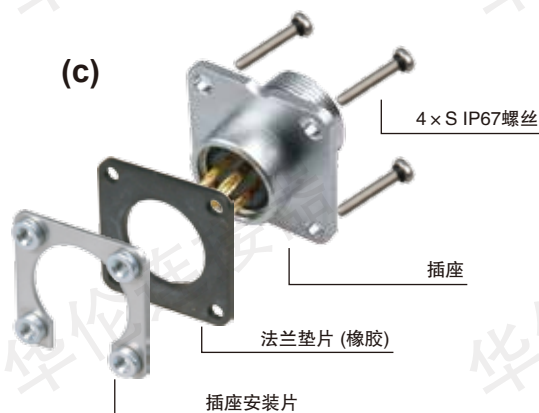
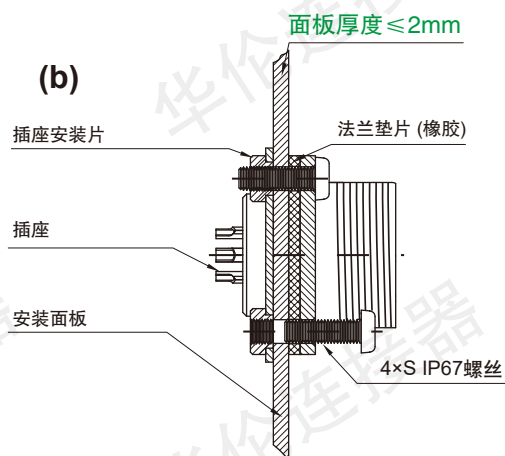
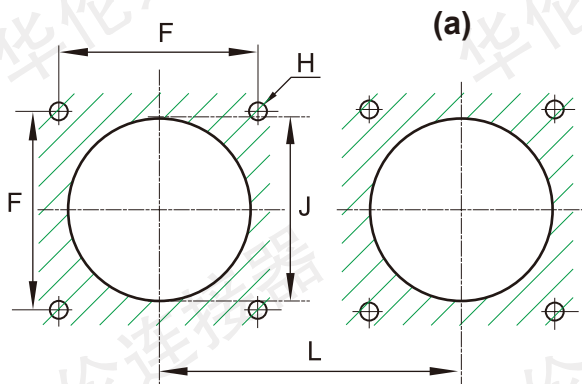
LY 螺纹式



单位: mm

规格	A	C	E	F	G	H
LY12-Z	20	φ12	11.5	14±0.1	19	4-φ2.3
LY16-Z	20	φ16	12	20±0.1	26	4-φ3.2
LY18-Z	20	φ18	12	22±0.1	28	4-φ3.2

面板开孔尺寸



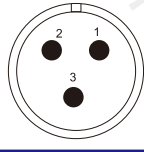
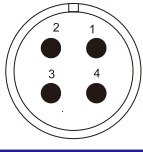
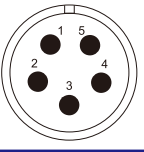
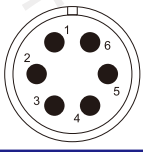
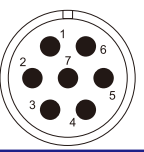
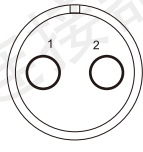
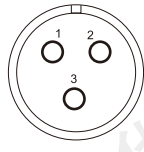
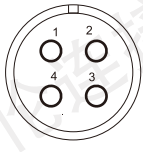
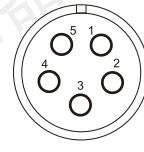
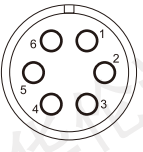
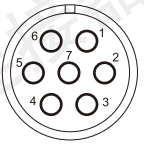
插座安装开孔参数

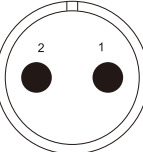
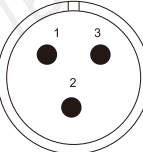
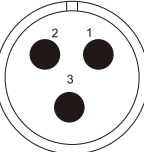
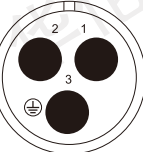
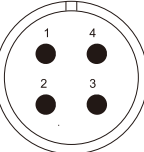
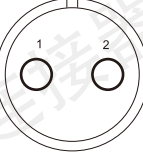
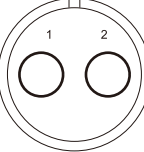
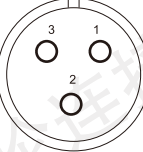
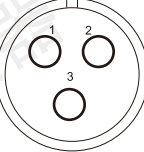
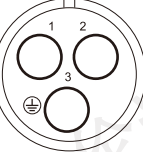
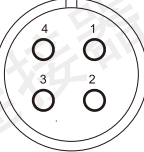
单位: mm

规格	F	J	H	L 最小间距	4×S螺丝
LY12-Z	14±0.1	φ12.2	4-φ2.3	28	M2
LY16-Z	20±0.1	φ16.3	4-φ3.2	36	M3
LY18-Z	22±0.1	φ18.3	4-φ3.2	38	

绝缘体芯位图

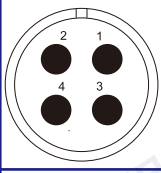
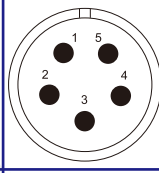
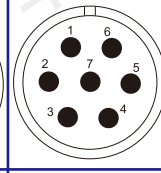
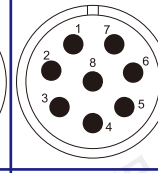
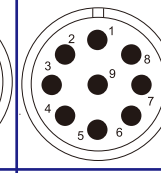
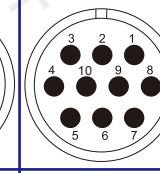
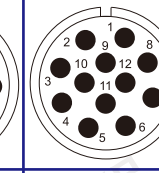
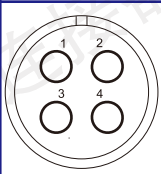
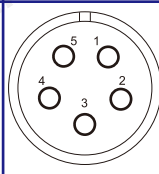
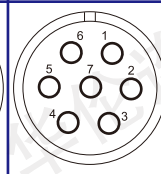
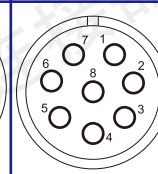
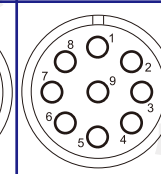
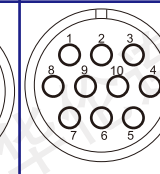
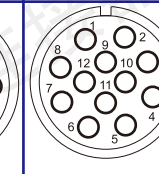
耦合端面

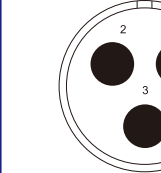
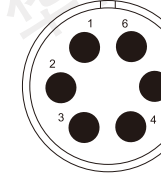
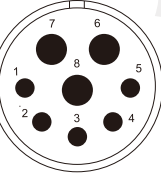
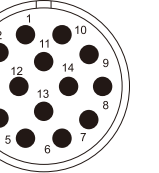
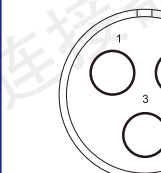
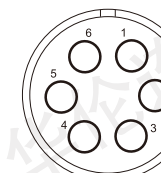
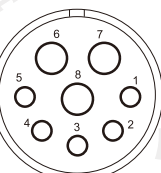
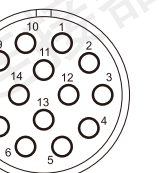
壳体规格	12					
J 芯数	J2	J3	J4	J5	J6	J7
 J: 装插针						
K 芯数	K2	K3	K4	K5	K6	K7
 K: 装插孔						
接触对直径×数量	φ1.6×2	φ1.0×3	φ1.0×4	φ1.0×5	φ1.0×6	φ1.0×7
单芯额定电流A	13A	5A	5A	5A	5A	5A
额定电压VAC	250V	160V	100V	63V	32V	32V
耐压VAC(50/60Hz)	1390V	1000V	840V	840V	500V	500V
尾端接线mm ²	1~2mm ²	0.5~0.75mm ²	0.5~0.75mm ²	0.5~0.75mm ²	0.5~0.75mm ²	0.5~0.75mm ²

壳体规格	16					
J 芯数	J2	J2a	J3	J3a	J3b	J4
 J: 装插针						
K 芯数	K2	K2a	K3	K3a	K3b	K4
 K: 装插孔						
接触对直径×数量	φ1.5×2	φ2.5×2	φ1.0×3	φ1.5×3	φ2.5×3	φ1.0×4
单芯额定电流A	10A	20A	5A	10A	20A	5A
额定电压VAC	250V	200V	250V	250V	200V	250V
耐压VAC(50/60Hz)	1500V	1000V	1000V	1500V	1500V	1000V
尾端接线mm ²	1~1.5mm ²	1.5~2.5mm ²	0.5~0.75mm ²	1~1.5mm ²	1.5~2.5mm ²	0.5~0.75mm ²

绝缘体芯位图

耦合端面

壳体规格		16						
J	芯数	J4a	J5	J7	J8	J9	J10	J12
	J: 装插针							
K	芯数	K4a	K5	K7	K8	K9	K10	K12
	K: 装插孔							
接触对直径×数量		φ1.5×4	φ1.0×5	φ1.0×7	φ1.0×8	φ1.0×9	φ1.0×10	φ1.0×12
单芯额定电流A		10A	5A	5A	5A	5A	5A	5A
额定电压VAC		200V	125V	80V	80V	50V	50V	32V
耐压VAC (50/60Hz)		1000V	1000V	840V	500V	840V	840V	370V
尾端接线mm ²		1~1.5mm ²	0.5~0.75mm ²	0.5~0.75mm ²	0.5~0.75mm ²	0.5~0.75mm ²	0.5~0.75mm ²	0.5~0.75mm ²

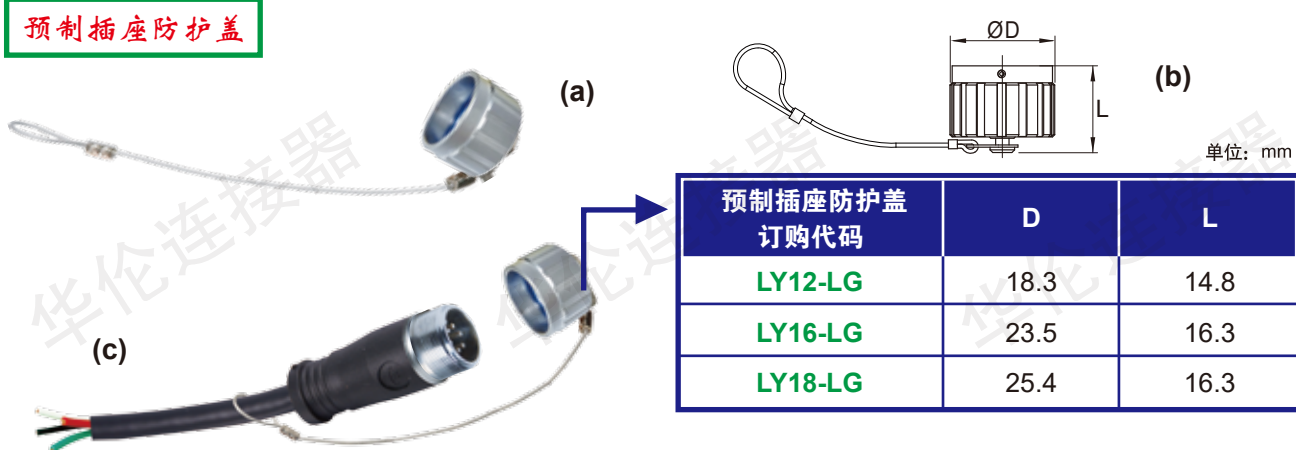
壳体规格		18				
J	芯数	J3	J6	J8	J14	
	J: 装插针					
K	芯数	K3	K6	K8	K14	
	K: 装插孔					
接触对直径×数量		φ2.5×3	φ1.6×6	φ1.6×3	φ1.0×5	φ1.0×14
单芯额定电流A		20A	13A	13A	5A	5A
额定电压VAC		250V	160V	160V		100V
耐压VAC (50/60Hz)		1500V	840V	840V		840V
尾端接线mm ²		1.5~2.5mm ²	1~2mm ²	1~2mm ²	0.5~0.75mm ²	0.5~0.75mm ²

IP67金属防护盖外形图

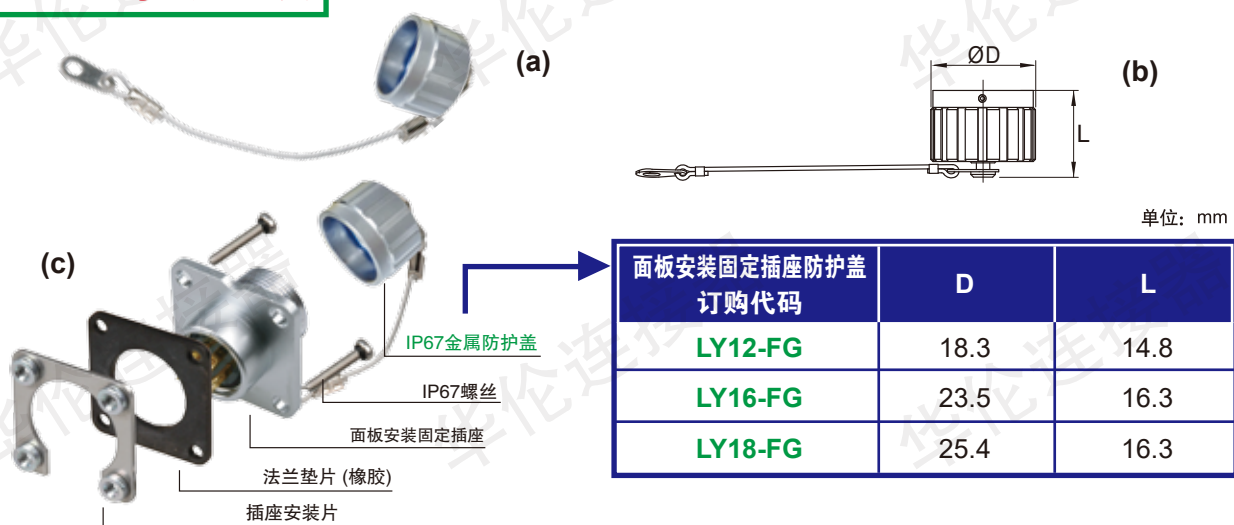
预制插头防护盖



预制插座防护盖

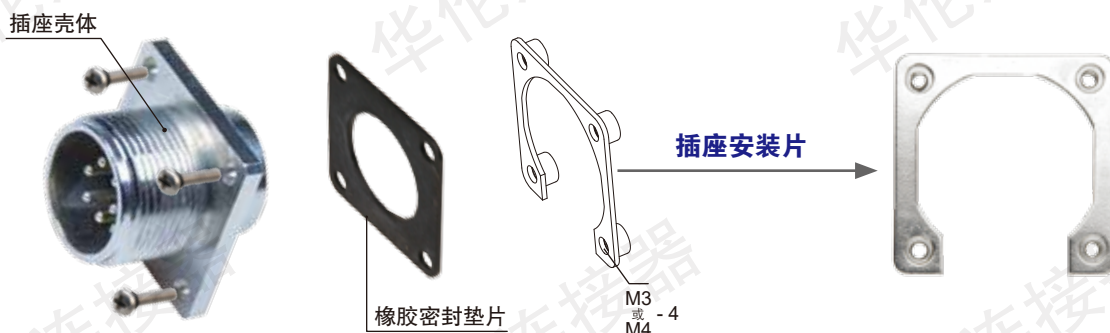


面板安装固定插座防护盖

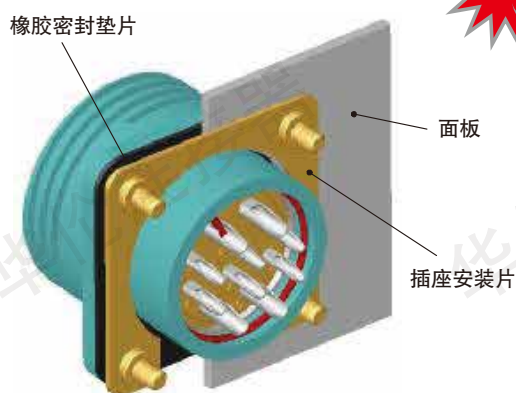


插座安装片

技术优点： (1)、安装便捷 (2)、牢固！抗振！



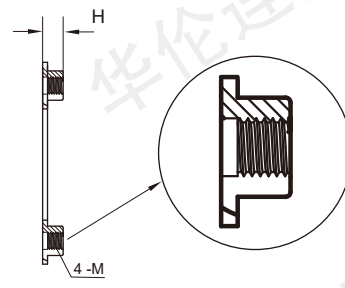
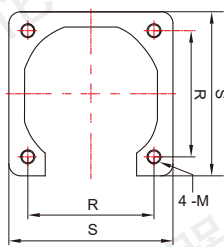
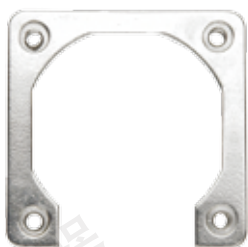
◆ 前装式



特别推荐



插座安装片订货代码、尺寸



单位: mm

订货代码	壳体规格	R	S	H	螺纹M	螺丝规格
12D	12	14.00	19.00	2.60	M2	M2 x 10
16D	16	20.00	26.00		M3	M3 x 10
18D	18	22.00	28.00			



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