

WATERPROOF CONNECTOR

防水连接器·产品选型手册

PRODUCT SELECTION GUIDE



APPLICATION AREA 产品应用领域

防水连接器是一种具有防水功能的电线连接器，主要用于户外设备、汽车、船舶等湿度较高或易受潮的环境中。常见的应用领域包括：

防水连接器通过特殊设计，能够有效防止水分、湿气和灰尘等进入电线连接处，保证电器设备的安全和稳定运行。此外，防水连接器也具有抗腐蚀、抗氧化、耐高温等优点，能够适应各种恶劣环境。因此，在保证电器设备安全和可靠性的场合，防水连接器被广泛应用。

Waterproof connector is a waterproof function of the wire connector, mainly used in outdoor equipment, automobiles, ships and other high humidity or susceptible to moisture environment. Common application areas include: Waterproof connector through the special design, can effectively prevent moisture, moisture and dust into the wire connection, to ensure the safe and stable operation of electrical equipment. In addition, the waterproof connector also has the advantages of corrosion resistance, oxidation resistance, high temperature resistance and can adapt to a variety of harsh environments. Therefore, in the need to ensure the safety and reliability of electrical equipment, waterproof connectors are widely used.



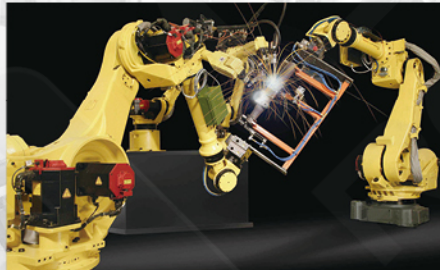
数控机床 CNC machine



自动化设备 Automation equipment



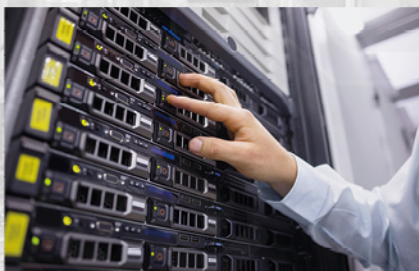
航海设备 Navigation equipment



工业机器人 Industrial robot



电动汽车充电 Electric vehicle charging



通讯设备 Automation equipment



灯光控制系统 Lighting control system

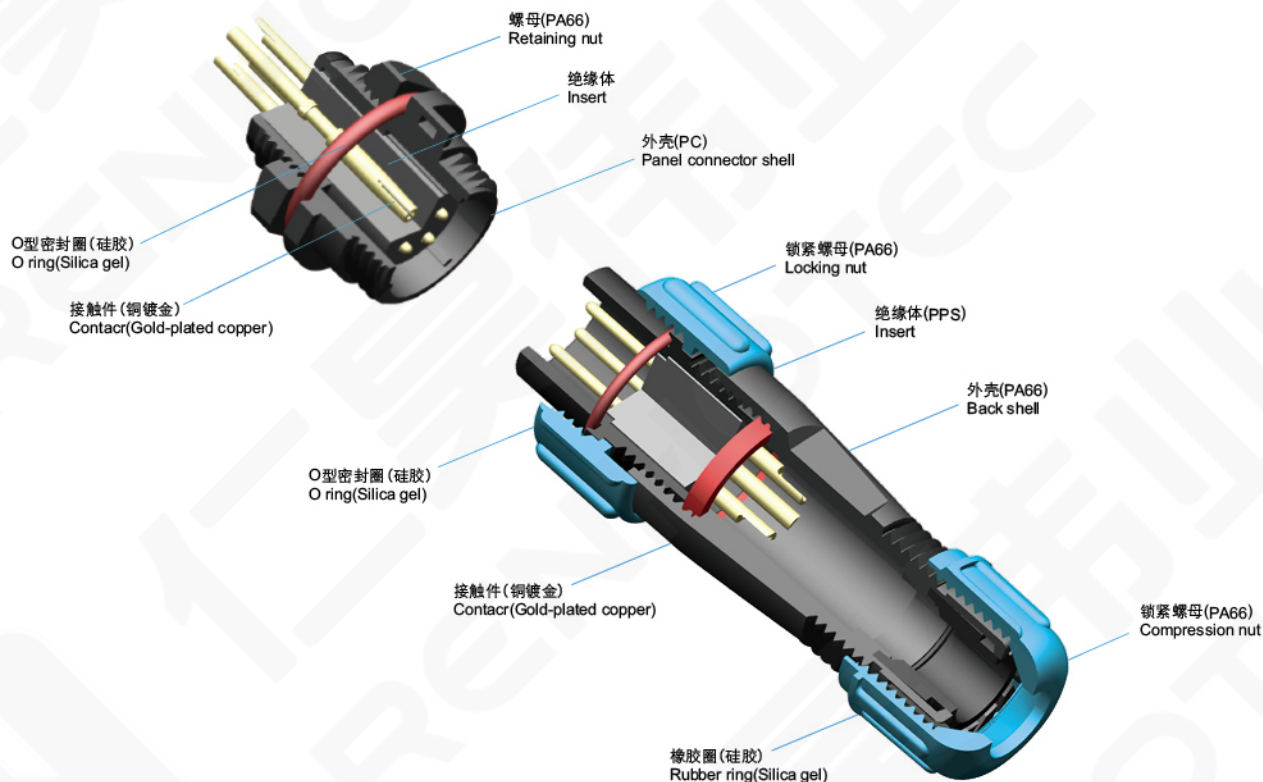


音响设备 Loudspeaker equipment

PRODUCT

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防护等级: IP68

IP Rating: IP68

螺纹锁紧

Threaded coupling

* 接触件可以是插针或插孔

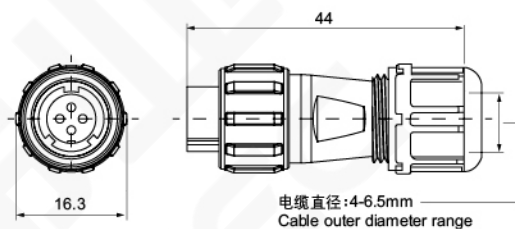
* Each side can be male or female contact

材料和技术参数 Material and spec

接插方式	Coupling	螺纹锁紧	Threaded
外壳材料	Shell material	热塑性塑料 PC, PA66 防火等级:V-0	PC, Nylon66, fire resistance:V-0
绝缘体	Insert material	热塑性塑料 PPS, 耐高温 260℃	PPS, max temperature 260℃
接触件材料	Contact material	铜镀金	Brass with gold plating
接线方式	Termination	焊接:SP 11、SP13、SP17、SP21、SP25、SP29 压接:SP17、SP21、SP25、SP29 螺丝压接:SP21、SP25、SP29(Ø2.5、Ø 3、Ø 3.5mm)	Solder: SP 11, SP13, SP17, SP21, SP25,SP29, Crimp: SP17, SP21, SP25, SP29 Screw:SP21, SP25,SP29 (02.5, 03, 03.5mm contact)
电缆直径	Cable outer diameter range	SP11:I:3-4mm,II:4-6.5mm(不标) SP13:I:4-6.5mm(不标),II:5-8mm SP17:6-10mm SP21:I:4.5-7mm,II:7-12mm(不标),III:5-9mm SP25:I:10-14mm(不标),II:7-12mm SP29:I:9-13mm,II:13-16mm(不标)	SP11:I:3-4mm, I :4-6.5mm(not standard) SP13:I:4-6.5mm(not standard),II:5-8mm SP17:6-10mm SP21:I:4.5-7mm,I:7-12mm(not standard),III:5-9mm SP25:I:10-14mm (not standard), I :7-12mm SP29:I:9-13mm,II:13-16mm(not standard)
防护等级	IP rating	IP68	
接插次数	Mating cycle	500	
温度范围	Temperature range	-40℃ ~+85℃	
绝缘电阻	Insulation resistance	2000MΩ	

电缆插头 SP1110 系列
Cable connector SP1110 Series

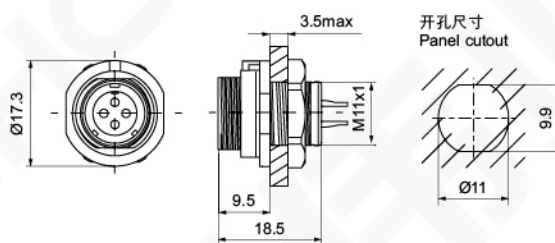
配套连接 SP1111,SP1112
Mate with



芯数 QTY of Contact

后螺母插座 SP1112 系列
Rear-nut mount SP1112 Series

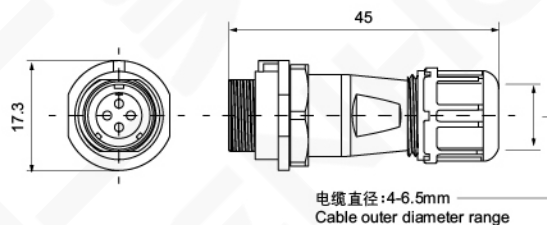
配套连接 SP1110
Mate with



芯数 QTY of Contact

电缆对接插座 SP1111 系列
In-line cable connector SP1111 Series

配套连接 SP1110
Mate with



芯数 QTY of Contact

焊接芯件参数 Solder contact spec

芯数 Number of contact	2	3	4	5
公端绝缘体正面图 Male contact face view				
额定电流 (A) Rated current (A)	5	5	3	3
接触件直径 (mm) Contact diameter(mm)	$\phi 1 \times 2$	$\phi 1 \times 3$	$\phi 0.7 \times 4$	$\phi 0.7 \times 5$
工作电压 (AC.V) Rated voltage(AC.V)	180	180	125	125
耐压 (AC.V)1min Test voltage(AC.V)1min	1000	1000	1000	1000
接触电阻 (mΩ) Contact resistance(mΩ)	5	5	10	10
线规 (mm²/AWG) Wire size(mm²/AWG)	$\leq 0.75/18$	$\leq 0.75/18$	$\leq 0.5/20$	$\leq 0.5/20$

SP13 圆形防水连接器 (螺纹锁紧式) Circular waterproof connector (Screw Thread Coupling)

电缆插头 SP1310 系列
Cable connector SP1310 Series

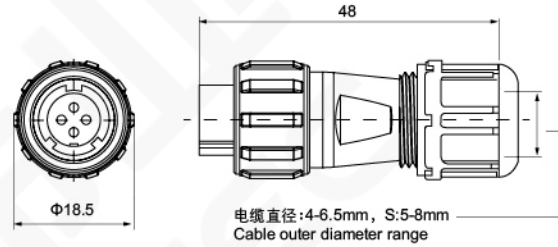
配套连接
Mate with

SP1311, SP1312

定制电缆外径
Special cable 5-8mm



芯数 QTY of Contact



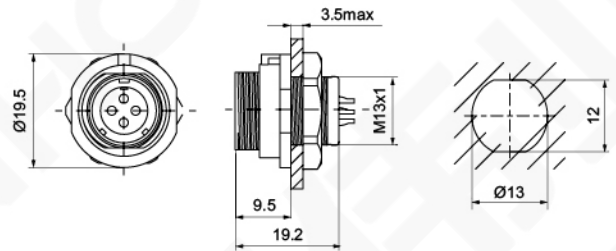
后螺母插座 SP1312 系列
Rear-nut mount SP1312 Series

配套连接
Mate with

SP1310



芯数 QTY of Contact



电缆对接插座 SP1311 系列
In-line cable connector SP1311 Series

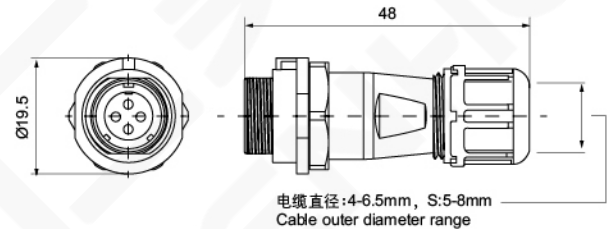
配套连接
Mate with

SP1310

定制电缆外径
Special cable 5-8mm



芯数 QTY of Contact



焊接芯件参数 Solder contact spec

芯数 Number of contact	2	3	4	5	6	7	9
公端绝缘体正面图 Male contact face view							
额定电流 (A) Rated current (A)	13	13	5	5	5	5	3
接触件直径 (mm) Contact diameter (mm)	φ 1.6 × 2	φ 1.6 × 3	φ 1 × 4	φ 1 × 5	φ 1 × 6	φ 1 × 7	φ 0.7 × 9
工作电压 (AC.V) Rated voltage (AC.V)	250	250	200	180	125	125	125
耐压 (AC.V)1min Test voltage (AC.V)1min	1500	1500	1500	1000	1000	1000	1000
接触电阻 (mΩ) Contact resistance (mΩ)	2.5	2.5	5	5	5	5	10
线规 (mm²/AWG) Wire size (mm²/AWG)	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.5/20

电缆插头 SP1610 系列
Cable connector SP1610 Series

配套连接
Mate with

SP1611、SP1612、SP1613、SP1614



芯数 QTY of Contact



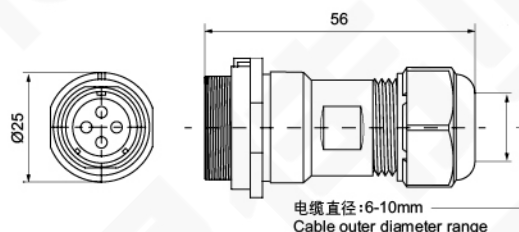
电缆对接插座 SP1611 系列
In-line cable connector SP1616 Series

配套连接
Mate with

SP1610, SP1616



芯数 QTY of Contact



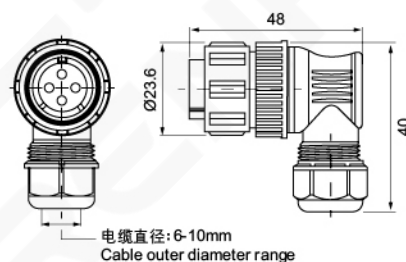
弯式电缆插头 SP1616 系列
Corner cable connector SP1616 Series

配套连接
Mate with

SP1611、SP1612、SP1613、SP1614



芯数 QTY of Contact



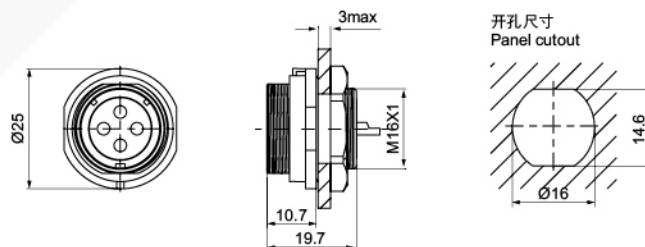
后螺母插座 SP1612 系列
Rear-nut mount SP1612 Series

配套连接
Mate with

SP1610, SP1616



芯数 QTY of Contact

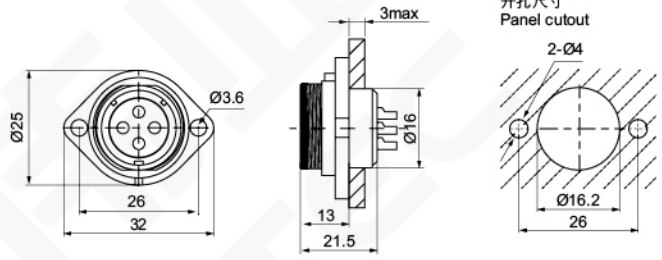


SP16 圆形防水连接器 (螺纹锁紧式)

Circular waterproof connector (Screw Thread Coupling)

2 孔法兰插座 SP1613 系列
2-hole flange SP1613 Series

配套连接 SP1610,SP1616
Mate with



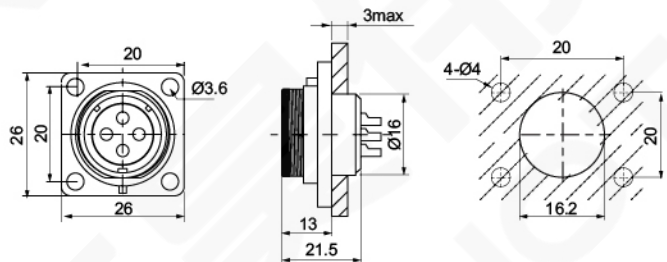
SP1613 S()

SP1613 P()

芯数 QTY of Contact

4 孔方形插座 SP1614 系列
4-hole Square SP1614 Series

配套连接 SP1610,SP1616
Mate with



SP1614 S()

SP1614 P()

芯数 QTY of Contact

焊接芯件参数 Solder contact spec

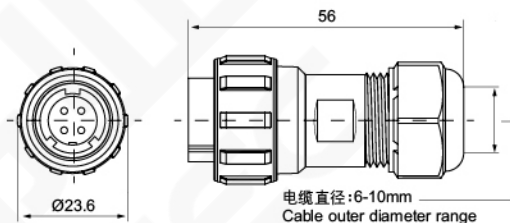
芯数 Number of contact	2	3	4	2B	3B	4B	5	7	9	10
公端绝缘体正面图 Male contact face view										
额定电流 (A) Rated current (A)	10	10	5	15	15	15	5	5	5	5
接触件直径 (mm) Contact diameter(mm)	φ 1.5 × 2	φ 1.5 × 3	φ 1 × 4	φ 2 × 2	φ 2 × 3	φ 2 × 4	φ 1 × 5	φ 1 × 7	φ 1 × 9	φ 1 × 10
工作电压 (AC.V) Rated voltage(AC.V)	500	500	500	500	500	500	500	400	400	400
耐压 (AC.V)1min Test voltage(AC.V)1min	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200
接触电阻 (mΩ) Contact resistance(mΩ)	2.5	2.5	5	2.5	2.5	2.5	5	5	5	5
线规 (mm²/AWG) Wire size(mm²/AWG)	≤2/14	≤2/14	≤0.75/18	≤2/14	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18

电缆插头 SP1710 系列
Cable connector SP1710 Series

配套连接 SP1711,SP1712,SP1713,SP1714
Mate with



芯数 QTY of Contact

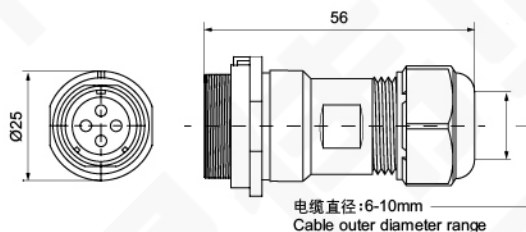


电缆对接插座 SP1711 系列
In-line cable connector SP1711 Series

配套连接 SP1710,SP1716
Mate with



芯数 QTY of Contact

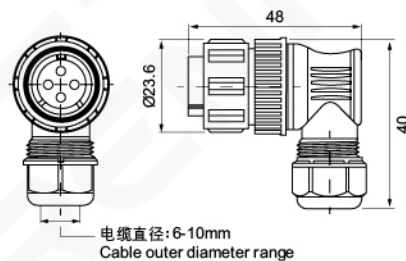


弯式电缆插头 SP1716 系列
Corner cable connector SP1716 Series

配套连接 SP1711,SP1712,SP1713,SP1714
Mate with



芯数 QTY of Contact

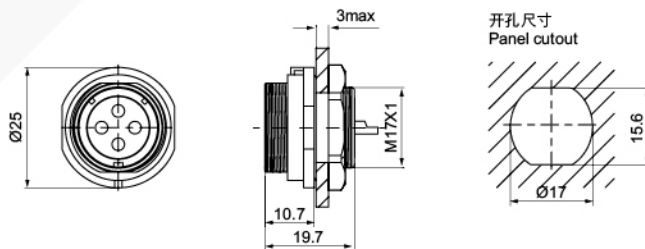


后螺母插座 SP1712 系列
Rear-nut mount SP1712 Series

配套连接 SP1710,SP1716
Mate with



芯数 QTY of Contact

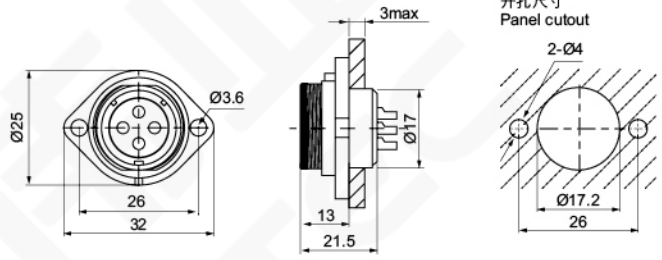


SP17 圆形防水连接器 (螺纹锁紧式)

Circular waterproof connector (Screw Thread Coupling)

2 孔法兰插座 SP1713 系列
2-hole flange SP1713 Series

配套连接 SP1710,SP1716
Mate with



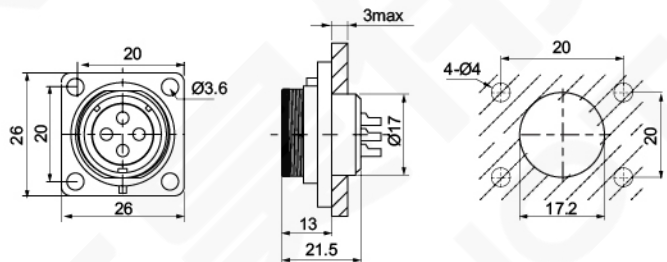
SP1713 S()

SP1713 P()

芯数 QTY of Contact

4 孔方形插座 SP1714 系列
4-hole Square SP1714 Series

配套连接 SP1710,SP1716
Mate with



SP1714 S()

SP1714 P()

芯数 QTY of Contact

焊接芯件参数 Solder contact spec

芯数 Number of contact	2	3	4	2B	3B	4B	5	7	9	10
公端绝缘体正面图 Male contact face view										
额定电流 (A) Rated current (A)	10	10	5	15	15	15	5	5	5	5
接触件直径 (mm) Contact diameter(mm)	φ 1.5 × 2	φ 1.5 × 3	φ 1 × 4	φ 2 × 2	φ 2 × 3	φ 2 × 4	φ 1 × 5	φ 1 × 7	φ 1 × 9	φ 1 × 10
工作电压 (AC.V) Rated voltage(AC.V)	500	500	500	500	500	500	500	400	400	400
耐压 (AC.V)1min Test voltage(AC.V)1min	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200
接触电阻 (mΩ) Contact resistance(mΩ)	2.5	2.5	5	2.5	2.5	2.5	5	5	5	5
线规 (mm²/AWG) Wire size(mm²/AWG)	≤2/14	≤2/14	≤0.75/18	≤2/14	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18

电缆插头 SP2010 系列
Cable connector SP2010 Series

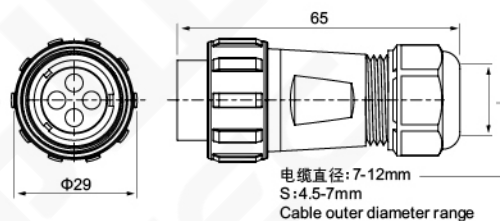
配套连接
Mate with

SP2011, SP2012, SP2013, SP2014

定制电缆外径 4.5-7mm
Special cable



芯数 QTY of Contact



电缆对接插座 SP2011 系列
In-line cable connector SP2011 Series

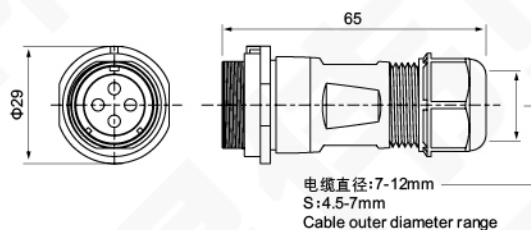
配套连接
Mate with

SP2010, SP2016

定制电缆外径 4.5-7mm
Special cable



芯数 QTY of Contact



弯式电缆插头 SP2016 系列
Corner cable connector SP2016 Series

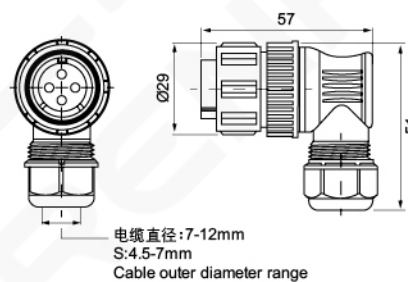
配套连接
Mate with

SP2011, SP2012, SP2013, SP2014

定制电缆外径 4.5-7mm
Special cable



芯数 QTY of Contact



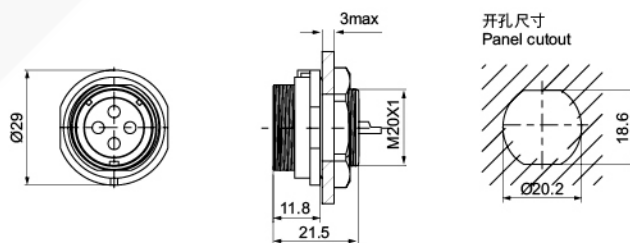
后螺母插座 SP2012 系列
Rear-nut mount SP2012 Series

配套连接
Mate with

SP2010, SP2016



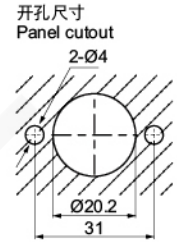
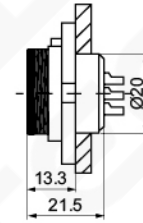
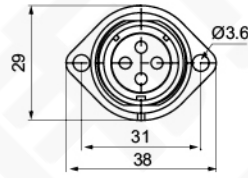
芯数 QTY of Contact



SP20 圆形防水连接器 (螺纹锁紧式) Circular waterproof connector (Screw Thread Coupling)

2 孔法兰插座 SP2013 系列
2-hole flange SP2013 Series

配套连接 SP2010,SP2016
Mate with



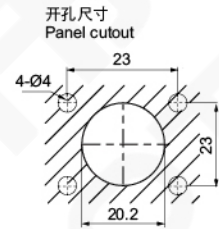
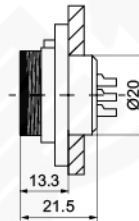
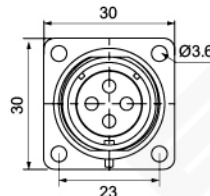
SP2013 S()

SP2013 P()

芯数 QTY of Contact

4 孔方形插座 SP2014 系列
4-hole Square SP2014 Series

配套连接 SP2010,SP2016
Mate with



SP2014 S()

SP2014 P()

芯数 QTY of Contact

焊接芯件参数 Solder contact spec

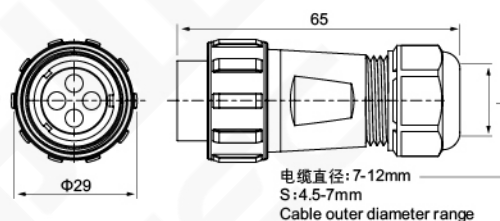
芯数 Number of contact	2	3	4	5	5B	5C	6	6B	7	8	9	12	15
公端绝缘体正面图 Male contact face view													
额定电流 (A) Rated current (A)	30	30	30	30	30 5	15	25 5	30 5	15	10	5	5	5
接触件直径 (mm) Contact diameter(mm)	φ 3 × 2	φ 3 × 3	φ 3 × 4	φ 3 × 5	φ 3 × 2 φ 1 × 3	φ 2 × 5	φ 2.5 × 4 φ 1 × 2	φ 3 × 2 φ 1 × 4	φ 2 × 7	φ 1.5 × 8	φ 1 × 9	φ 1 × 12	φ 1 × 15
工作电压 (AC.V) Rated voltage(AC.V)	500	500	500	500	500	500	500	500	500	500	400	400	400
耐压 (AC.V)1min Test voltage(AC.V)1min	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200
接触电阻 (mΩ) Contact resistance(mΩ)	1	1	1	1	1 5	2.5	1 5	1 5	2.5	2.5	5	5	5
接线方式 Termination	焊接 / 螺丝压接 Solder/Screw	焊接 / 螺丝压接 Solder/Screw	焊接 / 螺丝压接 Solder/Screw	焊接 / 螺丝压接 Solder/Screw	焊接 Solder	焊接 / 螺丝压接 Solder/Screw	焊接 Solder	焊接 Solder	焊接 / 螺丝压接 Solder/Screw	焊接 Solder	焊接 Solder	焊接 Solder	焊接 Solder
焊接线规 (mm²/AWG) Wire size for solder(mm²/AWG)	≤4/12	≤4/12	≤4/12	≤4/12	≤4/12 ≤0.75/18	≤2/14	≤4/12 ≤0.75/18	≤4/12 ≤0.75/18	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18

电缆插头 SP2110 系列
Cable connector SP2110 Series

配套连接
Mate with

SP2111, SP2112, SP2113, SP2114

定制电缆外径 4.5-7mm
Special cable



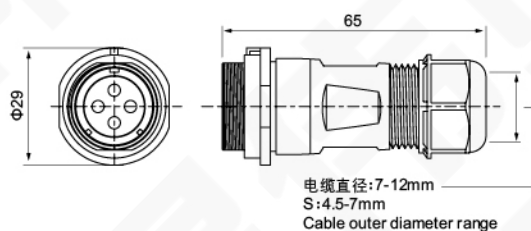
芯数 QTY of Contact

电缆对接插座 SP2111 系列
In-line cable connector SP2111 Series

配套连接
Mate with

SP2110, SP2116

定制电缆外径 4.5-7mm
Special cable



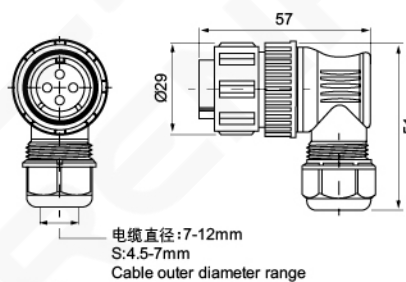
芯数 QTY of Contact

弯式电缆插头 SP2116 系列
Corner cable connector SP2116 Series

配套连接
Mate with

SP2111, SP2112, SP2113, SP2114

定制电缆外径 4.5-7mm
Special cable

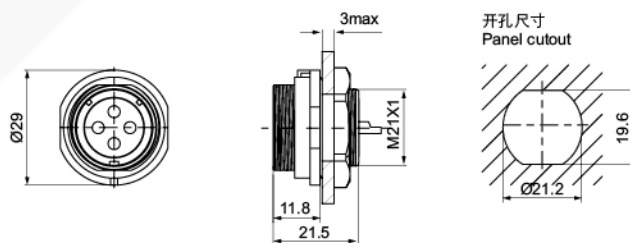


芯数 QTY of Contact

后螺母插座 SP2112 系列
Rear-nut mount SP2112 Series

配套连接
Mate with

SP2110, SP2116

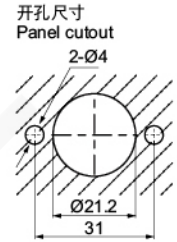
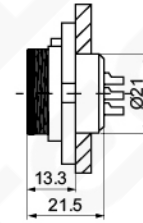
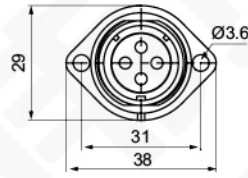


芯数 QTY of Contact

2 孔法兰插座 SP2113 系列

2-hole flange SP2113 Series

配套连接 SP2110,SP2116
Mate with



SP2113 S()

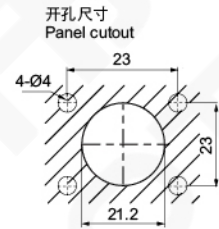
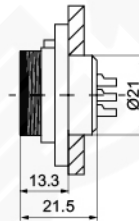
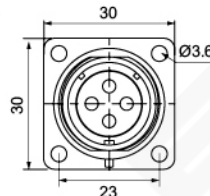
SP2113 P()

芯数 QTY of Contact

4 孔方形插座 SP2114 系列

4-hole Square SP2114 Series

配套连接 SP2110,SP2116
Mate with



SP2114 S()

SP2114 P()

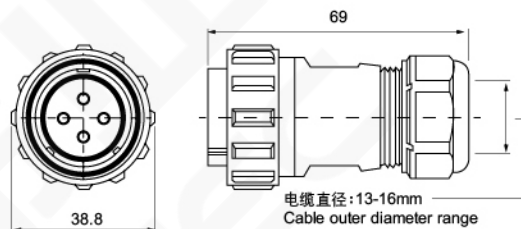
芯数 QTY of Contact

焊接芯件参数 Solder contact spec

芯数 Number of contact	2	3	4	5	5B	5C	6	6B	7	8	9	12	15
公端绝缘体正面图 Male contact face view													
额定电流 (A) Rated current (A)	30	30	30	30	30 5	15	25 5	30 5	15	10	5	5	5
接触件直径 (mm) Contact diameter(mm)	φ 3 × 2	φ 3 × 3	φ 3 × 4	φ 3 × 5	φ 3 × 2 φ 1 × 3	φ 2 × 5	φ 2.5 × 4 φ 1 × 2	φ 3 × 2 φ 1 × 4	φ 2 × 7	φ 1.5 × 8	φ 1 × 9	φ 1 × 12	φ 1 × 15
工作电压 (AC.V) Rated voltage(AC.V)	500	500	500	500	500	500	500	500	500	500	400	400	400
耐压 (AC.V)1min Test voltage(AC.V)1min	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200
接触电阻 (mΩ) Contact resistance(mΩ)	1	1	1	1	1 5	2.5	1 5	1 5	2.5	2.5	5	5	5
接线方式 Termination	焊接 / 螺丝压接 Solder/Screw	焊接 / 螺丝压接 Solder/Screw	焊接 / 螺丝压接 Solder/Screw	焊接 / 螺丝压接 Solder/Screw	焊接 Solder	焊接 / 螺丝压接 Solder/Screw	焊接 Solder	焊接 Solder	焊接 / 螺丝压接 Solder/Screw	焊接 Solder	焊接 Solder	焊接 Solder	焊接 Solder
焊接线规 (mm²/AWG) Wire size for solder(mm²/AWG)	≤4/12	≤4/12	≤4/12	≤4/12	≤4/12 ≤0.75/18	≤2/14	≤4/12 ≤0.75/18	≤4/12 ≤0.75/18	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18

电缆插头 SP2810 系列
Cable connector SP2810 Series

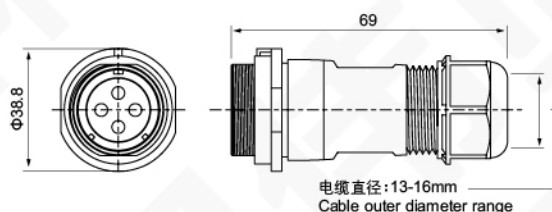
配套连接 SP2811,SP2812,SP2813,SP2814
Mate with



芯数 QTY of Contact

电缆对接插座 SP2811 系列
In-line cable connector SP2811 Series

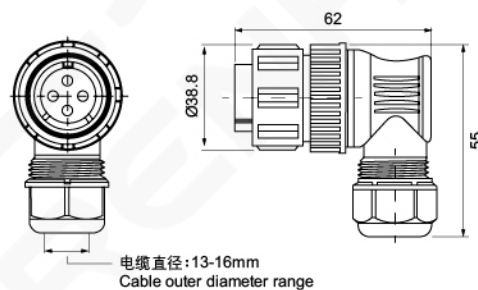
配套连接 SP2810,SP2816
Mate with



芯数 QTY of Contact

弯式电缆插头 SP2816 系列
Corner cable connector SP2816 Series

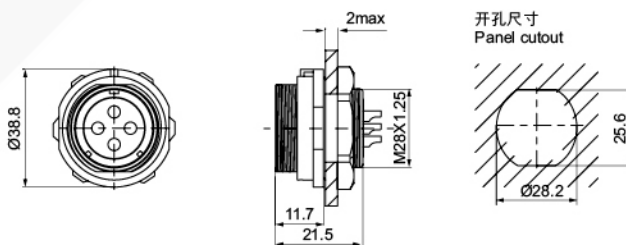
配套连接 SP2811,SP2812,SP2813,SP2814
Mate with



芯数 QTY of Contact

后螺母插座 SP2812 系列
Rear-nut mount SP2812 Series

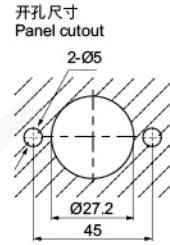
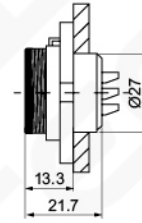
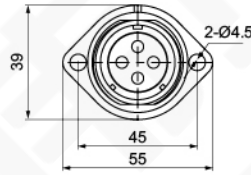
配套连接 SP2810,SP2816
Mate with



芯数 QTY of Contact

2 孔法兰插座 SP2813 系列
2-hole flange SP2813 Series

配套连接 SP2810,SP2816
Mate with



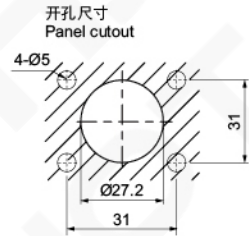
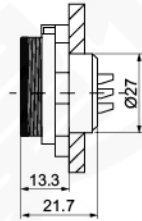
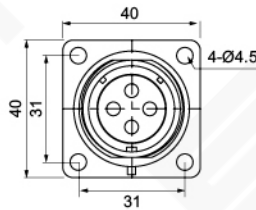
SP2813 S()

SP2813 P()

芯数 QTY of Contact

4 孔方形插座 SP2814 系列
4-hole Square SP2814 Series

配套连接 SP2810,SP2816
Mate with



SP2814 S()

SP2814 P()

芯数 QTY of Contact

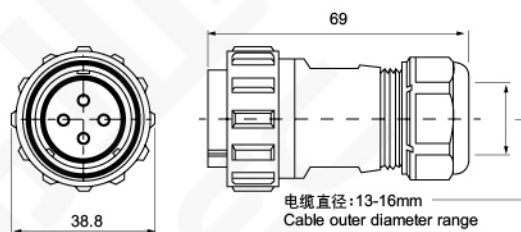
焊接芯件参数 Solder contact spec

芯数 Number of contact	2	3	4	7	8	8B	9	10	10B	12	16	17	20	24	26	35
公端绝缘体正面图 Male contact face view																
额定电流 (A) Rated current (A)	50	50	25	25	25	60 5	25 5	25	10	10	10	10	5	5	5	5
接触件直径 (mm) Contact diameter(mm)	φ 3.5×2	φ 3.5×3	φ 2.5×4	φ 2.5×7	φ 2.5×8	φ 5×2 φ 1×6	φ 2.5×4 φ 1×6	φ 2.5×10	φ 1.5×10	φ 1.5×12	φ 1.5×16	φ 1.5×17	φ 1×20	φ 1×24	φ 1×26	φ 1×35
工作电压 (AC.V) Rated voltage(AC.V)	500	500	500	500	500	500 400	500	500	500	500	500	500	400	400	400	400
耐压 (AC.V)1min Test voltage(AC.V)1min	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200	1200
接触电阻 (mΩ) Contact resistance(mΩ)	0.5	0.5	1	1	1	0.5 5	1 5	1	2.5	2.5	2.5	2.5	5	5	5	5
接线方式 Termination	焊接/螺丝压接 Solder/Screw	焊接/螺丝压接 Solder/Screw	焊接/螺丝压接 Solder/Screw	焊接/螺丝压接 Solder/Screw	焊接/螺丝压接 Solder/Screw	焊接 Solder	焊接 Solder	焊接/螺丝压接 Solder/Screw	焊接 Solder	焊接 Solder	焊接 Solder	焊接 Solder	焊接 Solder	焊接 Solder	焊接 Solder	焊接 Solder
焊接线规 (mm ² /AWG) Wire size for solder(mm ² /AWG)	≤10/7	≤10/7	≤4/11	≤4/11	≤4/11	≤16/5 ≤0.75/18	≤4/11 ≤0.75/18	≤4/11	≤2/14	≤2/14	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18

电缆插头 SP2910 系列
Cable connector SP2910 Series

配套连接
Mate with

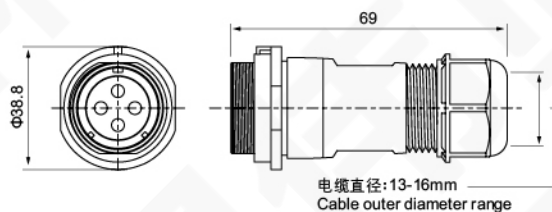
SP2911, SP2912, SP2913, SP2914



电缆对接插座 SP2911 系列
In-line cable connector SP2911 Series

配套连接
Mate with

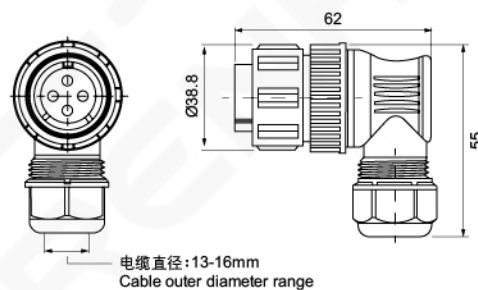
SP2910, SP2916



弯式电缆插头 SP2916 系列
Corner cable connector SP2916 Series

配套连接
Mate with

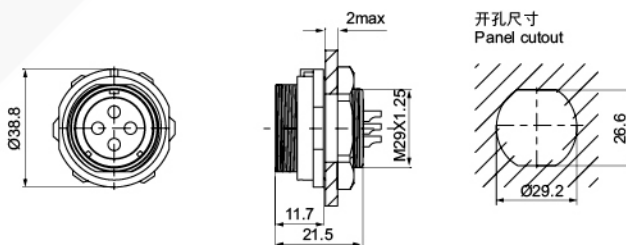
SP2911, SP2912, SP2913, SP2914



后螺母插座 SP2912 系列
Rear-nut mount SP2912 Series

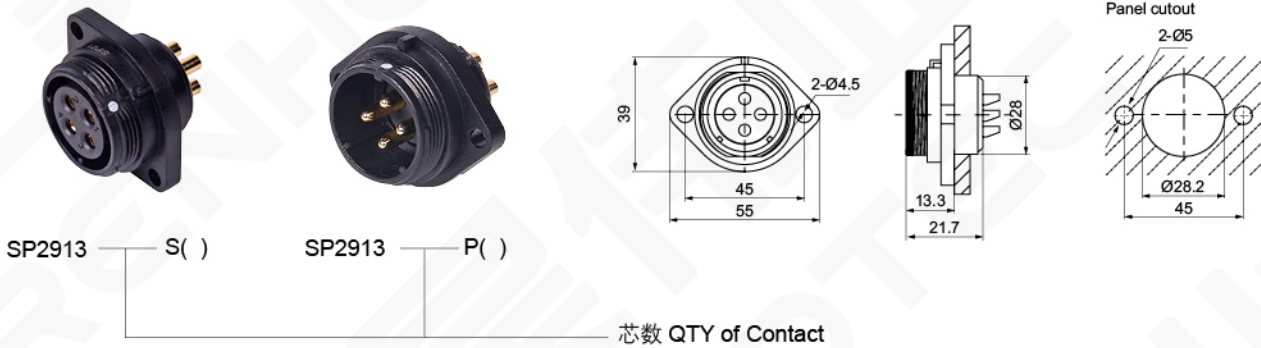
配套连接
Mate with

SP2910, SP2916



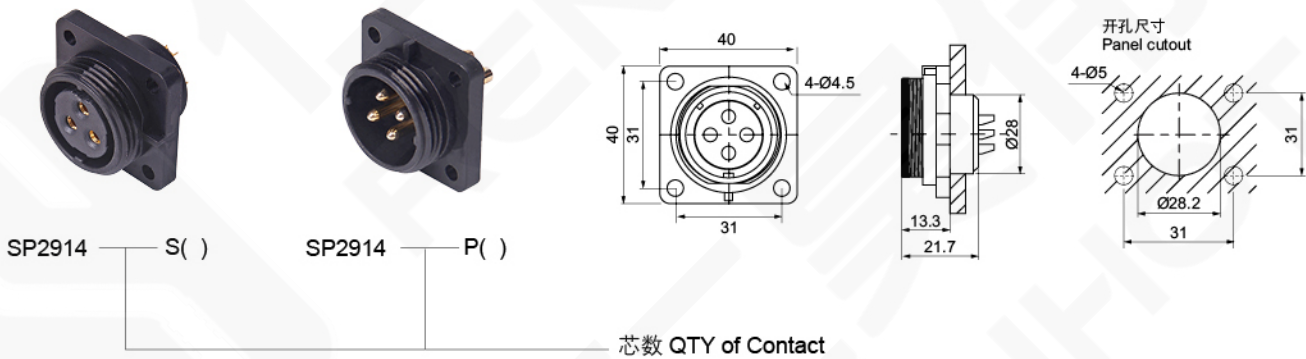
2 孔法兰插座 SP2913 系列
2-hole flange SP2913 Series

配套连接 SP2910,SP2916
Mate with



4 孔方形插座 SP2914 系列
4-hole Square SP2914 Series

配套连接 SP2910,SP2916
Mate with

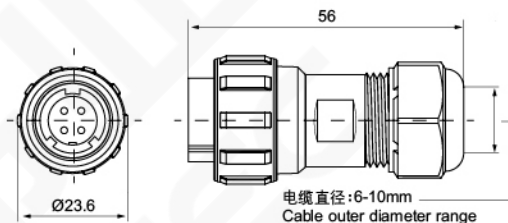


焊接芯件参数 Solder contact spec

芯数 Number of contact	2	3	4	7	8	8B	9	10	10B	12	16	17	20	24	26	35
公端绝缘体正面图 Male contact face view																
额定电流 (A) Rated current (A)	50	50	25	25	25	60 5	25 5	25	10	10	10	10	5	5	5	5
接触件直径 (mm) Contact diameter(mm)	φ 3.5×2	φ 3.5×3	φ 2.5×4	φ 2.5×7	φ 2.5×8	φ 5×2 φ 1×6	φ 2.5×4 φ 1×6	φ 2.5×10	φ 1.5×10	φ 1.5×12	φ 1.5×16	φ 1.5×17	φ 1×20	φ 1×24	φ 1×26	φ 1×35
工作电压 (AC.V) Rated voltage(AC.V)	500	500	500	500	500	500 400	500	500	500	500	500	500	400	400	400	400
耐压 (AC.V)1min Test voltage(AC.V)1min	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200	1200
接触电阻 (mΩ) Contact resistance(mΩ)	0.5	0.5	1	1	1	0.5 5	1 5	1	2.5	2.5	2.5	2.5	5	5	5	5
接线方式 Termination	焊接/螺丝压接 Solder/Screw	焊接/螺丝压接 Solder/Screw	焊接/螺丝压接 Solder/Screw	焊接/螺丝压接 Solder/Screw	焊接/螺丝压接 Solder/Screw	焊接 Solder	焊接 Solder	焊接/螺丝压接 Solder/Screw	焊接 Solder	焊接 Solder	焊接 Solder	焊接 Solder	焊接 Solder	焊接 Solder	焊接 Solder	焊接 Solder
焊接线规 (mm ² /AWG) Wire size for solder(mm ² /AWG)	≤10/7	≤10/7	≤4/11	≤4/11	≤4/11	≤16/5 ≤0.75/18	≤4/11 ≤0.75/18	≤4/11	≤2/14	≤2/14	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18

电缆插头 SP1710 系列
Cable connector SP1710 Series

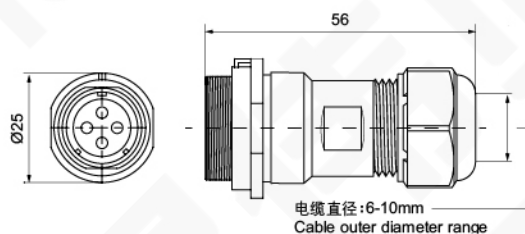
配套连接 SP1711,SP1712,SP1713,SP1714
Mate with



芯数 QTY of Contact

电缆对接插座 SP1711 系列
In-line cable connector SP1711 Series

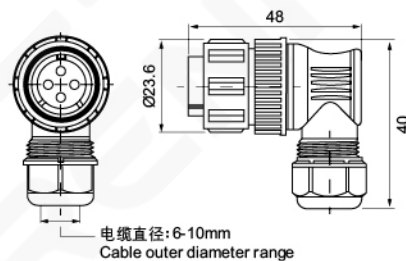
配套连接 SP1710,SP1716
Mate with



芯数 QTY of Contact

弯式电缆插头 SP1716 系列
Corner cable connector SP1716 Series

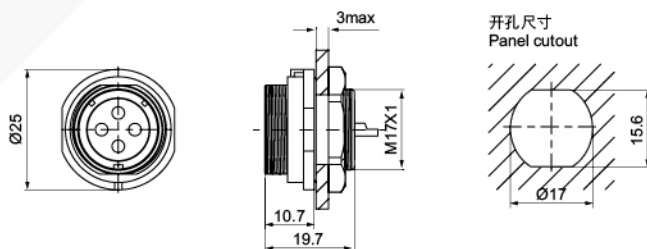
配套连接 SP1711,SP1712,SP1713,SP1714
Mate with



芯数 QTY of Contact

后螺母插座 SP1712 系列
Rear-nut mount SP1712 Series

配套连接 SP1710,SP1716
Mate with

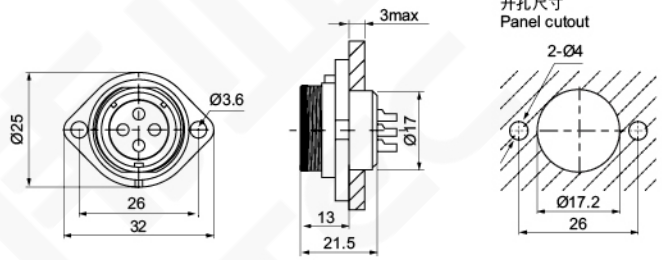


芯数 QTY of Contact

SP17 圆形防水连接器 (压接款) Circular waterproof connector (Crimped part)

2 孔法兰插座 SP1713 系列
2-hole flange SP1713 Series

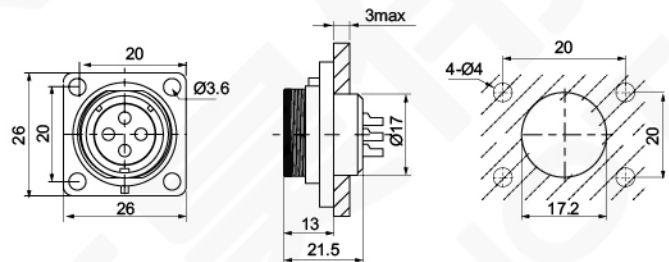
配套连接 SP1710,SP1716
Mate with



芯数 QTY of Contact

4 孔方形插座 SP1714 系列
4-hole Square SP1714 Series

配套连接 SP1710,SP1716
Mate with



芯数 QTY of Contact

压接芯参数 Crimping core parameters

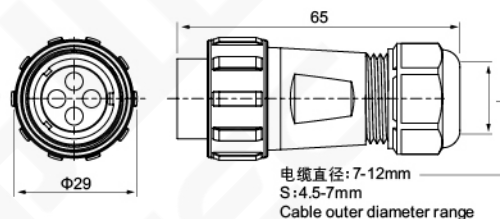
芯数 Number of contact	2B	3B	4B
公端绝缘体正面图 Male contact face view			
额定电流 (A) Rated current (A)	15	15	15
接触件直径 (mm) Contact diameter(mm)	φ 2 × 2	φ 2 × 3	φ 2 × 4
工作电压 (AC.V) Rated voltage(AC.V)	500	500	500
耐压 (AC.V)1min Test voltage(AC.V)1min	1500	1500	1500
接触电阻 (mΩ) Contact resistance(mΩ)	2.5	2.5	2.5
线规 (mm²/AWG) Wire size(mm²/AWG)	最小 Min:≤0.75/15 最大 Max:≤2/14	最小 Min:≤0.75/15 最大 Max:≤2/14	最小 Min:≤0.75/15 最大 Max:≤2/14

电缆插头 SP2110 系列
Cable connector SP2110 Series

配套连接
Mate with

SP2111, SP2112, SP2113, SP2114

定制电缆外径 4.5-7mm
Special cable



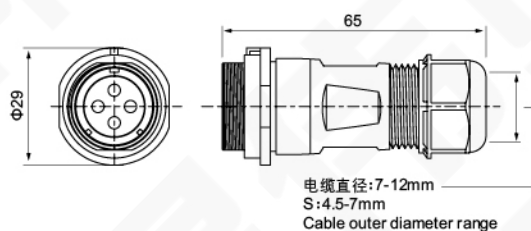
芯数 QTY of Contact

电缆对接插座 SP2111 系列
In-line cable connector SP2111 Series

配套连接
Mate with

SP2110, SP2116

定制电缆外径 4.5-7mm
Special cable



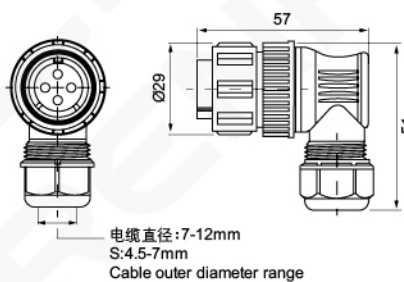
芯数 QTY of Contact

弯式电缆插头 SP2116 系列
Corner cable connector SP2116 Series

配套连接
Mate with

SP2111, SP2112, SP2113, SP2114

定制电缆外径 4.5-7mm
Special cable

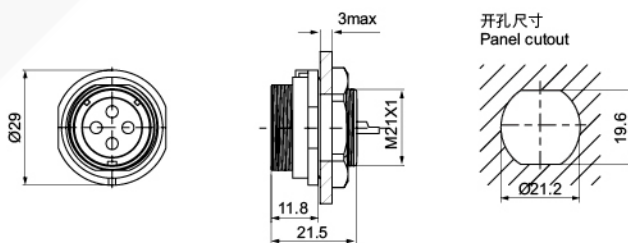


芯数 QTY of Contact

后螺母插座 SP2112 系列
Rear-nut mount SP2112 Series

配套连接
Mate with

SP2110, SP2116

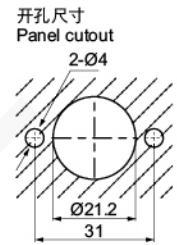
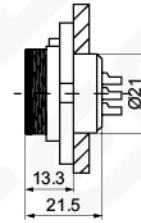
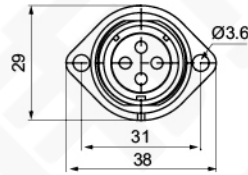


芯数 QTY of Contact

2 孔法兰插座 SP2113 系列

2-hole flange SP2113 Series

配套连接 SP2110,SP2116
Mate with

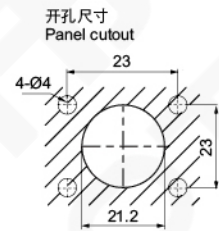
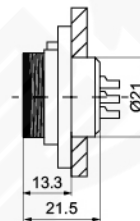
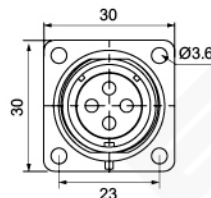


芯数 QTY of Contact

4 孔方形插座 SP2114 系列

4-hole Square SP2114 Series

配套连接 SP2110,SP2116
Mate with



芯数 QTY of Contact

压接芯参数 Crimping core parameters

芯数 Number of contact	2	3	4	5
公端绝缘体正面图 Male contact face view				
额定电流 (A) Rated current (A)	30	30	30	30
接触件直径 (mm) Contact diameter(mm)	φ 3 × 2	φ 3 × 3	φ 3 × 4	φ 3 × 5
工作电压 (AC.V) Rated voltage(AC.V)	500	500	500	500
耐压 (AC.V)1min Test voltage(AC.V)1min	1500	1500	1500	1500
接触电阻 (mΩ) Contact resistance(mΩ)	1	1	1	1
线规 (mm²/AWG) Wire size(mm²/AWG)	最小 Min:≤0.75/15 最大 Max:≤4/12	最小 Min:≤0.75/15 最大 Max:≤4/12	最小 Min:≤0.75/15 最大 Max:≤4/12	最小 Min:≤0.75/15 最大 Max:≤4/12