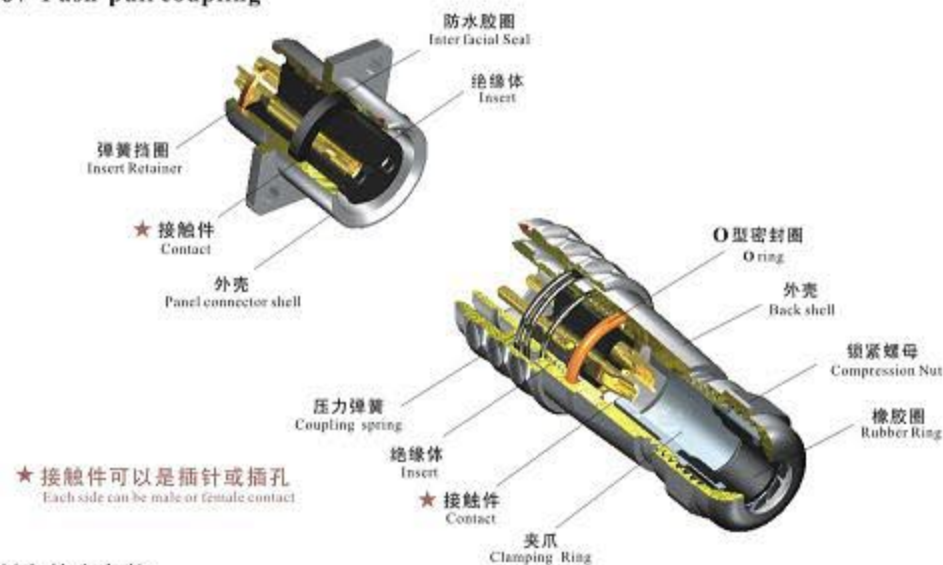




IP67 Push-pull coupling

材料和技术参数
Material and spec

接插方式	Coupling	推入式快速锁紧	PUSH-PULL
外壳材料	Shell material	铜镀镍	Brass with chrome plating
绝缘体	Insert material	热塑塑料 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	Solder
电缆直径	Cable outer diameter range	I: 4~6.5mm(不标)	II: 5~8mm
防护等级	IP rating	IP67	
接插次数	Mating cycle	>500次	> 500
温度范围	Temperature range	-25~+85℃	
绝缘电阻MΩ	Insulation resistanceMΩ	2000	

SF12 Series



电缆插头

Cable connector

与SF1211,SF1212,SF1213相配

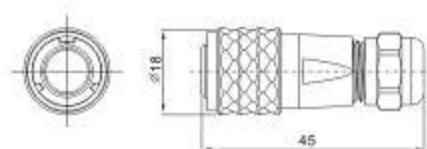
Mate with SF1211,SF1212,SF1213

SF1210 / P — SF1210 / S —

电缆外径 Cable outer diameter

I: 4~6mm(不标) II: 5~8mm

芯数 Number of contact: 2, 3, 4, 5, 6, 7, 9



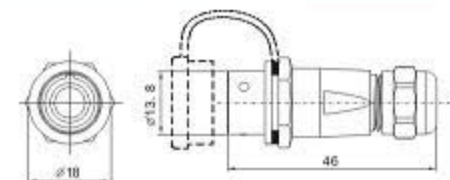
电缆对接插座

In-line cable connector

与SF1210相配

Mate with SF1210

SF1211 / P — SF1211 / S —



后螺母插座

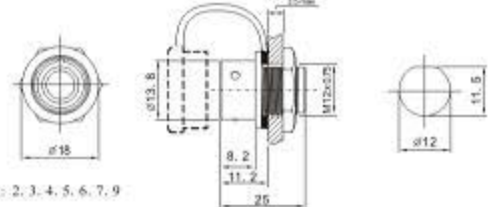
Rear mount

与SF1210相配

Mate with SF1210

SF1212 / P — SF1212 / S —

芯数 Number of contact: 2, 3, 4, 5, 6, 7, 9



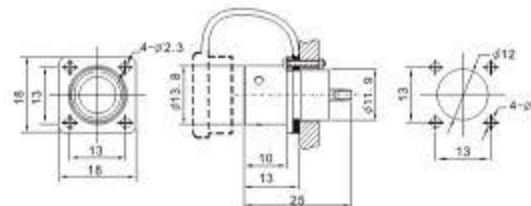
方形法兰插座

Square flange

与SF1210相配

Mate with SF1210

SF1213 / P — SF1213 / S —



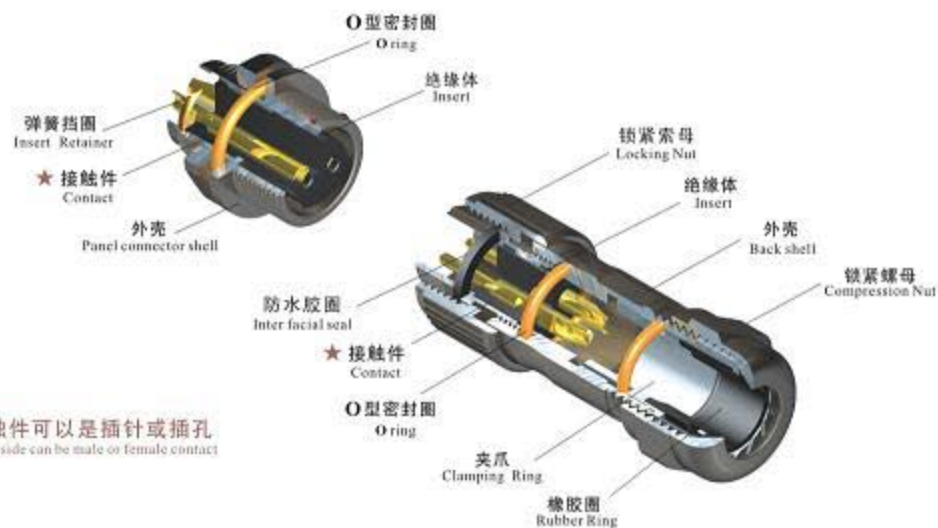
芯数排列及技术特性表

Contact arrangement and spec

芯数 Number of contact	2	3	4	5	6	7	9
插针绝缘体正面图 Male contact face view							
额定电流A Rated current (A)	13A	13A	5A	5A	5A	5A	3A
接触件直径 Contact diameter	∅ 1.6X2	∅ 1.6X3	∅ 1X4	∅ 1X5	∅ 1X6	∅ 1X7	∅ 0.7X9
工作电压 (AC.V) Rated voltage (AC.V)	250V	250V	200V	180V	125V	125V	125V
耐压 (AC.V) 1 min Test voltage(AC.V) 1 min	1500V	1500V	1500V	1000V	1000V	1000V	1000V
接触电阻 mΩ Contact resistance mΩ	2	2	5	5	5	5	10
线规 mm²/AWG Wire size mm²/AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18



IP67 Threaded coupling

材料和技术参数
Material and spec

接插方式	Coupling	螺纹锁紧	Threaded coupling
外壳材料	Shell material	锌基合金电镀	Zinc alloy with black nickel plating
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	Solder
电缆直径	Cable outer diameter range	5-8mm	
防护等级	IP rating	IP67	
接插次数	Mating cycle	>500次	>500
温度范围	Temperature range	-25℃~+85℃	
绝缘电阻MΩ	Insulation resistance MΩ	2000	

ST12 Series



ST1210 / P

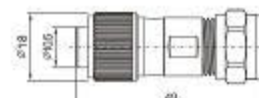
ST1210 / S

电缆插头

Cable connector

与ST1211, ST1212, ST1213 相配

Mate with ST1211, ST1212, ST1213



芯数 Number of contact: 2, 3, 4, 5, 6, 7, 9



ST1211 / P

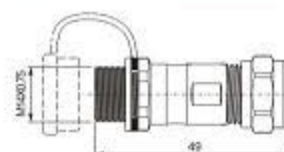
ST1211 / S

电缆对接插座

In-line cable connector

与ST1210 相配

Mate with ST1210



ST1212 / P

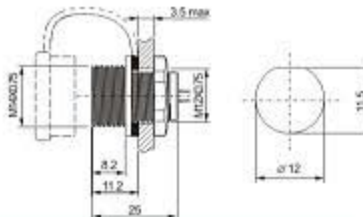
ST1212 / S

后螺母插座

Rear mount

与ST1210 相配

Mate with ST1210



芯数 Number of contact: 2, 3, 4, 5, 6, 7, 9



ST1213 / P

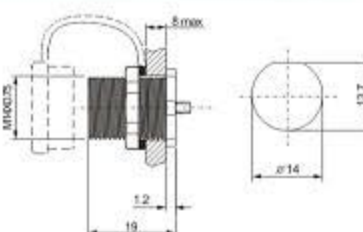
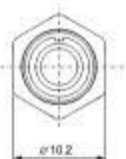
ST1213 / S

前螺母插座

Front mount

与ST1210 相配

Mate with ST1210



芯数排列及技术特性表

Contact arrangement and spec

芯数 Number of contact	2	3	4	5	6	7	9
插针绝缘体正面图 Male contact face view							
额定电流A Rated current (A)	13A	13A	5A	5A	5A	5A	3A
接触件直径 Contact diameter	Ø 1.6X2	Ø 1.6X3	Ø 1X4	Ø 1X5	Ø 1X6	Ø 1X7	Ø 0.7X9
工作电压 (AC.V) Rated voltage (AC.V)	250V	250V	200V	180V	125V	125V	125V
耐压 (AC.V) 1 min Test voltage (AC.V) 1 min	1500V	1500V	1500V	1000V	1000V	1000V	1000V
接触电阻 mΩ Contact resistance mΩ	2	2	5	5	5	5	10
线规 mm² / AWG Wire size mm² / AWG	≤2 / 14	≤2 / 14	≤0.785 / 18	≤0.785 / 18	≤0.785 / 18	≤0.785 / 18	≤0.785 / 18



IP68 Threaded coupling

材料和技术参数
Material and spec

接插方式	Coupling	螺纹锁紧	Threaded coupling
外壳材料	Shell material	热塑塑料 PA66 阻燃等级 V-0	Nylon66, fire resistance: V-0
绝缘体	Insert material	热塑塑料 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	SP13: 焊接, SP21: 焊接/压接	SP13: solder, SP21: solder / screw
电缆直径	Cable outer diameter range	SP13 I: 4-6.5mm(不标) SP13 II: 5-8mm	SP21 I: 4.5-7mm SP21 II: 7-12mm(不标)
防护等级	IP rating	IP68	Solder / screw
接插次数	Mating cycle	>500次	>500
温度范围	Temperature range	-25℃ ~ +85℃	
绝缘电阻 MΩ	Insulation resistance MΩ	2000	

SP13 Series



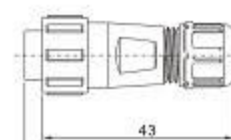
SP1310 / P —



SP1310 / S —

电缆插头

Cable connector

与SP1311, SP1312 相配
Mate with SP1311, SP1312

电缆外径 Cable outer diameter

I: 4-6mm(不标) II: 5-8mm
芯数 Number of contact: 2, 3, 4, 5, 6, 7, 9

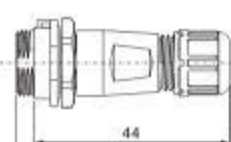
SP1311 / P —



SP1311 / S —

电缆对接插座

In-line cable connector

与SP1310 相配
Mate with SP1310

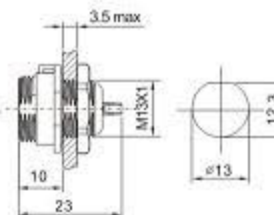
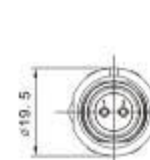
SP1312 / P —



SP1312 / S —

后螺母插座

Rear mount

与SP1310 相配
Mate with SP1310

芯数 Number of contact: 2, 3, 4, 5, 6, 7, 9

芯数排列及技术特性表

Contact arrangement and spec

芯数 Number of contact	2	3	4	5	6	7	9
插针绝缘体正面图 Male contact face view							
额定电流A Rated current (A)	13A	13A	5A	5A	5A	5A	3A
接触件直径 Contact diameter	∅ 1.6X2	∅ 1.6X3	∅ 1X4	∅ 1X5	∅ 1X6	∅ 1X7	∅ 0.7X9
工作电压 (AC.V) Rated voltage (AC.V)	250V	250V	200V	180V	125V	125V	125V
耐压 (AC.V) 1 min Test voltage (AC.V) 1 min	1500V	1500V	1500V	1000V	1000V	1000V	1000V
接触电阻 mΩ Contact resistance mΩ	2	2	5	5	5	5	10
线规 mm ² /AWG Wire size mm ² /AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

SP21 Series

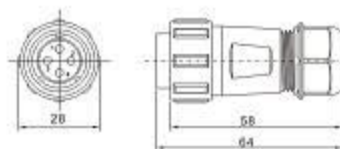
SP
21



SP2110 / P — SP2110 / S —

电缆插头

Cable connector
与SP2111, SP2112, SP2113相配
Mate with SP2111, SP2112, SP2113



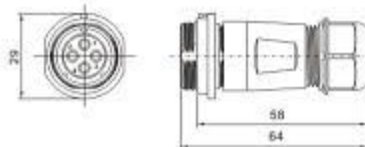
电缆外径 Cable outer diameter
I: 4~7mm, II: 7~12mm(不标)
芯数 Number of contact: 2, 3, 4, 5, 7, 9, 12



SP2111 / P — SP2111 / S —

电缆对接插座

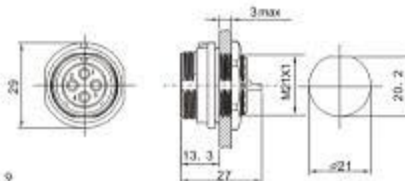
In-line cable connector
与SP2110相配
Mate with SP2110



SP2112 / P — SP2112 / S —

后螺母插座

Rear mount
与SP2110相配
Mate with SP2110



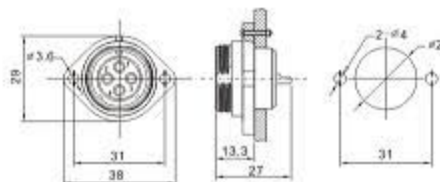
芯数 Number of contact: 2, 3, 4, 5, 6, 7, 9



SP2113 / P — SP2113 / S —

2孔法兰插座

2-hole flange
与SP2110相配
Mate with SP2110



芯数排列及技术特性表

Contact arrangement and spec

芯数 Number of contact	2	3	4	5	5B	7	9	12
插针绝缘体正面图 Male contact face view								
额定电流A Rated current (A)	30A	30A	30A	30A	5A, 30A	15A	5A	5A
接触件直径 Contact diameter	Ø3X2	Ø3X3	Ø3X4	Ø3X5	Ø1X3 Ø3X2	Ø2X7	Ø1X9	Ø1X12
接线方式 Termination	焊接/压接 solder / screw	焊接/压接 solder / screw	焊接/压接 solder / screw	焊接/压接 solder / screw	焊接/压接 solder / screw	焊接 solder	焊接 solder	焊接 solder
工作电压(AC.V) Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V	400V
耐压(AC.V) 1 min Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1200V
接触电阻mΩ Contact resistance mΩ	1	1	1	1	5, 1	2.5	5	5
线规 mm²/AWG Wire size mm²/AWG	≤4.17/11	≤4.17/11	≤4.17/11	≤4.17/11	≤0.785/18 ≤4.17/11	≤2/14	≤0.785/18	≤0.785/18

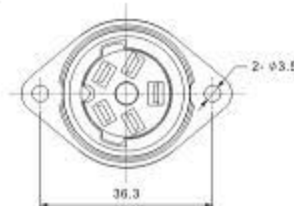
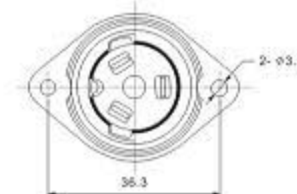
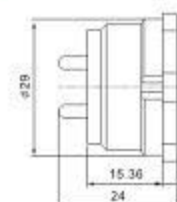
WEIPU®

WT
29

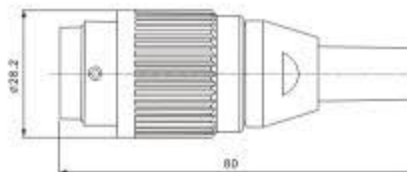


WT29系列 WT29 Series

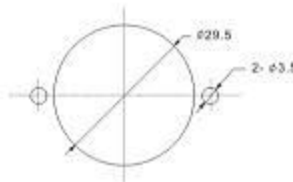
插座: WT29K3Z / WT29K5Z Socket: WT29K3Z / WT29K5Z



插头: WT29J3T / WT29J5T Plug: WT29J3T / WT29J5T



安装开孔 Panel cutout

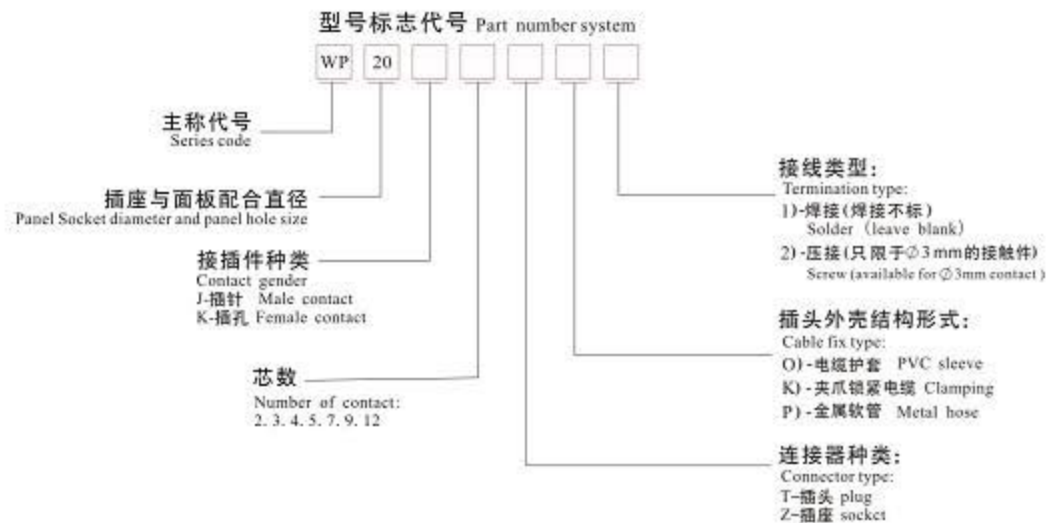


材料和技术参数 Material and spec

接插方式	Coupling	卡扣连接	Bayonet
外壳	Shell	尼龙PA66 阻燃等级 V-0	Nylon PA66 Fire resistance V-0
绝缘体	Insert material	尼龙PA66	Nylon PA66
接触件	Contact material	铜镀银	Brass with silver plating
接线方式	Termination	焊接	Solder
接插次数	Mating cycle	>500次	>500
温度范围	Temperature range	-25℃ ~ +85℃	
绝缘电阻MΩ	Insulation resistanceMΩ	2000	
耐压(AC.V) 1 min	Test voltage(AC.V) 1 min	1500 V	
线规	Wire size mm² / AWG	max2.5mm (max, AWG16)	
电缆直径	Cable outer diameter range	5~8mm	
额定电流A	Rated current (A)	10A	
工作电压(AC.V)	Rated voltage (AC.V)	400V	
接触电阻mΩ	Contact resistance mΩ	2.5mΩ	



● WP系列 WP Series

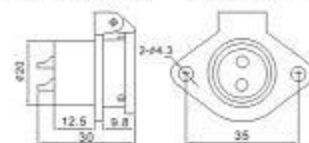


材料和技術参数 Material and spec

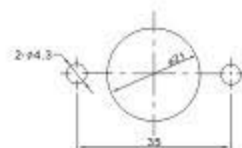
接插方式	Coupling	卡扣连接	Bayonet
外壳	Shell	尼龙PA66/锌基合金	Nylon PA66/zinc alloy
绝缘体	Insert material	热塑性塑料 PPS 耐高温 260℃	PPS max temperature 260℃
接触件	Contact material	铜	Brass
接触件表面	Contact plating	镀金	Gold over nickel
接线方式	Termination	7-12针焊接, 2-5针焊接/压接	7-12 contacts solder, 2-5 contacts solder / screw
接插次数	Mating cycle	>500次	>500
温度范围	Temperature range	-25℃ ~ +85℃	



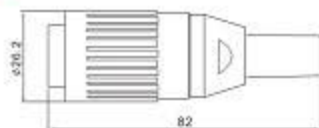
● 插座: Z IP44 Socket: Z IP44



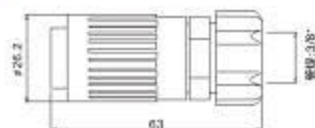
● 安装开孔 Panel cutout



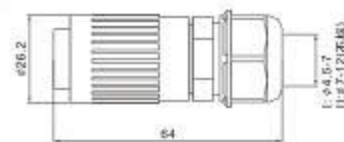
● 电缆护套插头: TO PVC sleeve: TO



● 金属软管插头: TP Metal hose: TP



● 夹爪锁紧电缆插头: TK IP55 Clamping: TK IP55



芯数排列及技術特性表 Contact arrangement and spec

芯数 Number of contact	2	3	4	5	5B	7	9	12
插针绝缘体正面图 Male contact face view								
额定电流A Rated current(A)	30A	30A	30A	30A	5A, 30A	15A	5A	5A
接触件直径 Contact diameter	$\phi 3 \times 2$	$\phi 3 \times 3$	$\phi 3 \times 4$	$\phi 3 \times 5$	$\phi 1 \times 3$ $\phi 3 \times 2$	$\phi 2 \times 7$	$\phi 1 \times 9$	$\phi 1 \times 12$
工作电压(AC.V) Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V	400V
耐压(AC.V) 1 min Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1200V
接触电阻 $\mu\Omega$ Contact resistance $\mu\Omega$	1	1	1	1	5, 1	2.5	5	5
绝缘电阻M Ω Insulation resistance M Ω	2000	2000	2000	2000	2000	2000	2000	2000
接线方式 Termination	焊接/压接 solder / screw	焊接/压接 solder / screw	焊接/压接 solder / screw	焊接/压接 solder / screw	焊接/压接 solder / screw	焊接 solder	焊接 solder	焊接 solder
线规 mm ² /AWG Wire size mm ² /AWG	$\leq 4.17/11$	$\leq 4.17/11$	$\leq 4.17/11$	$\leq 4.17/11$	$\leq 0.785/18$ $\leq 4.17/11$	$\leq 2/14$	$\leq 0.785/18$	$\leq 0.785/18$

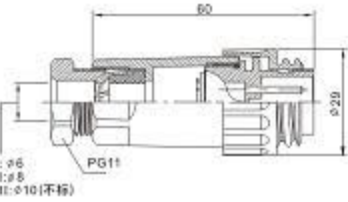


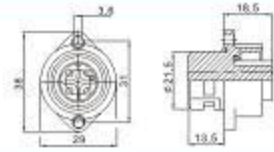
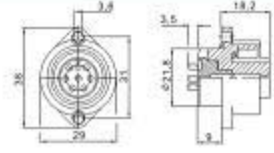
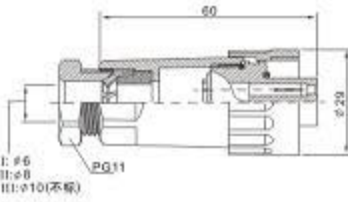
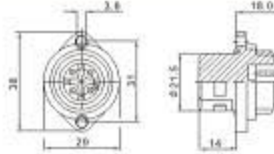
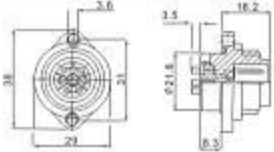
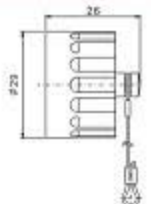
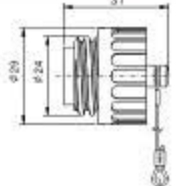
● WP系列 WP Series

材料和技术参数 Material and spec

参数 spec		
芯数 Number of contact	3+PE	6+PE
接线方式 Termination	螺丝压接 Screw	焊接 Solder
线规 Wire size	Max2.5mm ² /AWG14	Max0.75mm ² /AWG18
额定电压 Rated voltage (V)	400V	250V
额定电流 Rated current(A)	16A	10A
外壳材料 Shell material	热塑塑料 PA66 阻燃等级 V-0 Nylon66, fire resistance: V-0	
接触件材料 Contact material	铜镀金 Brass with gold plating	
电缆外径 Cable outlet diameter	6, 8, 10mm	
防护等级 IP rating	IP67	

● WA22型尺寸图 SIZE WA 22 DIMENSIONS

型号 Part number	说明 Description	尺寸 Drawing
 WA22J4TE2	WA22电缆插头 3+PE, 螺丝压接 WA 22 male cable connector 3+PE, screw termination	 1: #6 II: #8 III: #10 (不标)
 WA22J7TE1	WA22电缆插头 6+PE, 焊接 WA 22 male cable connector 6+PE, solder termination	

型号 Part number	说明 Description	尺寸 Drawing
 WA22K4Z2	WA22插座 3+PE, 螺丝压接 WA 22 female panel connector 3+PE, screw termination	
 WA22K7Z1	WA22插座 6+PE, 焊接 WA 22 female panel connector 6+PE, solder termination	
 WA22K4ZE2	WA22电缆插头 3+PE, 螺丝压接 WA 22 female cable connector 3+PE, screw termination	 1: #6 II: #8 III: #10 (不标)
 WA22K7ZE1	WA22电缆插头 6+PE, 焊接 WA 22 female cable connector 6+PE, solder termination	
 WA22J4Z2	WA22插座 3+PE, 螺丝压接 WA 22 male panel connector 3+PE, screw termination	
 WA22J7Z1	WA22插座 6+PE, 焊接 WA 22 male panel connector 6+PE, solder termination	
 WA22G1	护盖 cap	
 WA22G2	护盖 cap	

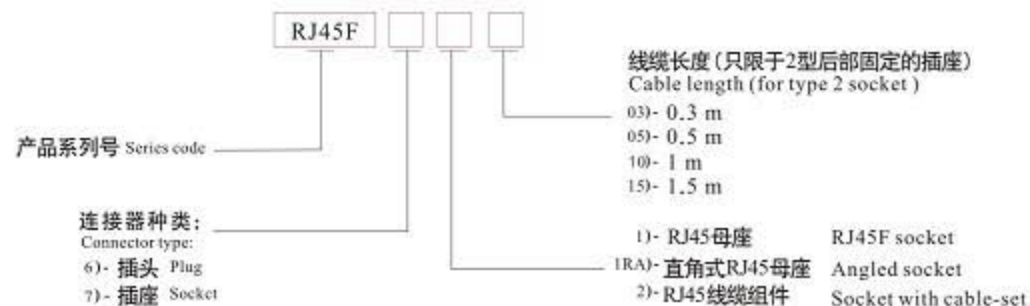


● RJ45F系列 IP67 RJ45F Series IP67

RJ45F以太网防水连接器是将标准的5类, 超5类, 6类线缆, 通过外壳, 简单方便快速的转换为防尘防水, 可在恶劣环境下使用。产品无需焊接, 节省接线及布线时间, 提高工作效率。广泛应用于LED显示设备、闭路监控系统、工厂自动化控制、通讯设备等。

RJ45F connector is used to connect standard Ethernet Class D /Cat.5e and Class E/cat 6 (10 Base T, 100 base TX, 1000 Base T net works) in outdoor or water proof harsh working environment. no need soldering, easy to connect, it is widely use in communications, LED boards, security monitoring, automation control etc.

● 型号标志代号 (Part number system):

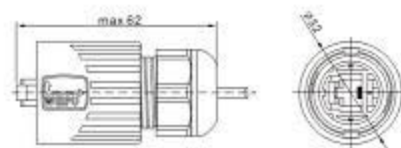


材料和技术参数 Material and spec

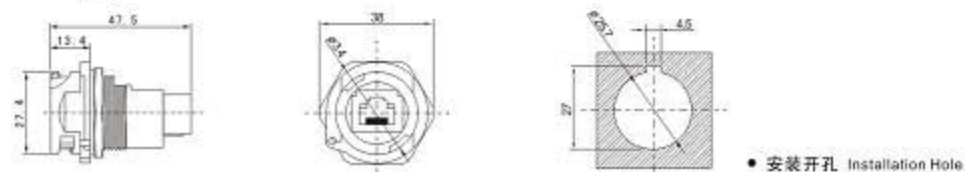
接插方式	Coupling	卡扣连接	Bayonet
外壳	Shell material	热塑塑料 PC	阻燃等级 V-0 PC, fire resistance: V-0
防护等级	IP rating	IP67	
线径范围	Cable out diameter range	5.5mm~7mm	
接插次数	Mating cycle	>500	>500
温度范围	Temperature range	-25℃~+85℃	



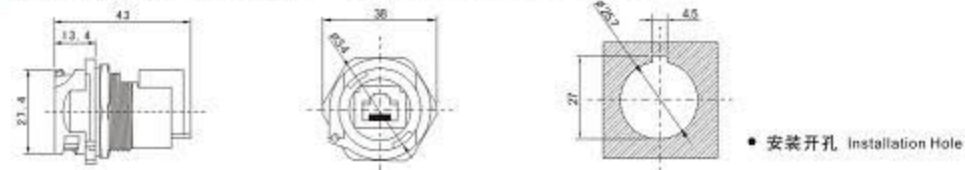
● RJ45插头: RJ45F6 RJ45F plug:RJ45F6



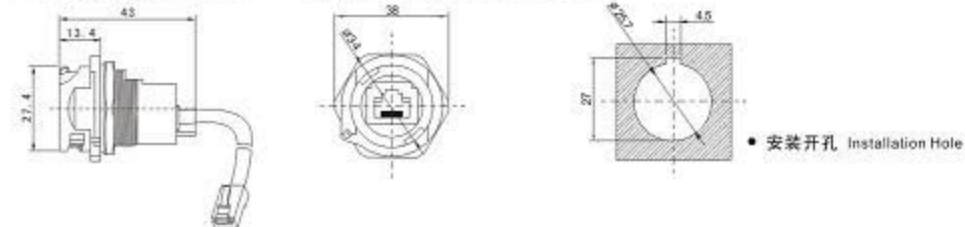
● RJ45母座:RJ45F71 RJ45F socket:RJ45F71



● 直角式RJ45母座:RJ45F71RA Angled socket:RJ45F71RA



● RJ45线缆组件:RJ45F72 Socket with cable-set:RJ45F72





● WS系列 WS Series

型号标志代号 Part number system



接线类型:

- Termination type:
1)-焊接 (焊接不标)
Solder (leave blank)
2)-压接 (只限于 $\phi 5.5-\phi 10\text{mm}$)
Screw (available for $\phi 5.5-\phi 10\text{mm}$ contact)

外壳结构形式:

- Shell structure and cable fix type:
直式: G)-2孔法兰插座 2-hole flange socket
Straight M)-后螺母插座 Rear mount
P)-金属软管 Metal hose
Q)-电缆护套 PVC sleeve
D)-塑料软管 Plastic hose
弯式: R)-金属软管 Metal hose
Angled S)-电缆护套 PVC Sleeve
C)-塑料软管 Plastic hose

连接器种类:

- Connector type:
T-插头 plug
Z-插座 socket

●注: 连接器根据接触对数量, 其每一对的额定电流按下表规定的下降计算。

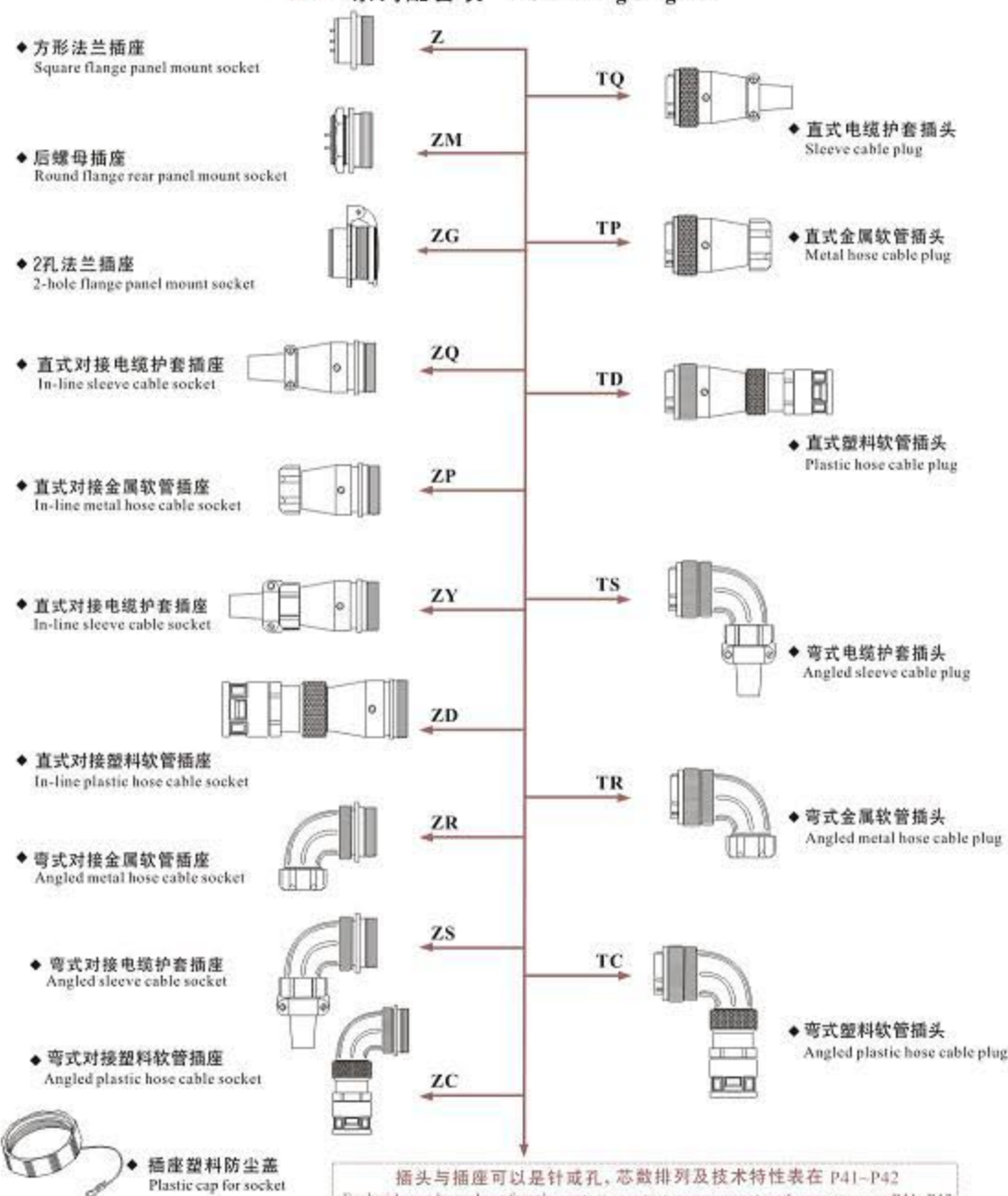
Remarks: according to the quantity of pair connectors, rated current of the connectors descends as follow.

接触对芯数 Number of pins connector	1-3	4-10	11-20	21-30	31-40	41-50	51以上
下降率 Descend rate	0	10	20	30	40	50	60

材料和技术参数 Material and spec

接插方式	Coupling	螺纹连接	threaded coupling
外壳材料	Shell material	锌基合金(镀镍)	Zinc alloy with chrome plating
绝缘体	Insert material	热塑型料 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	$\phi 1-\phi 3.5\text{mm}$ 焊接, $\phi 5.5-\phi 10\text{mm}$ 压接	$\phi 1-\phi 3.5\text{mm}$ Solder, $\phi 5.5-\phi 10\text{mm}$ screw
接插次数	Mating cycle	>500 次	>500
温度范围	Temperature range	-25℃ ~ +85℃	

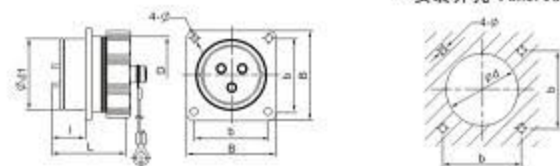
● WS系列配套表 WS Mating diagram





● 方方法兰插座: Z Square flange panel mount socket : Z

● 安装开孔 Panel cutout

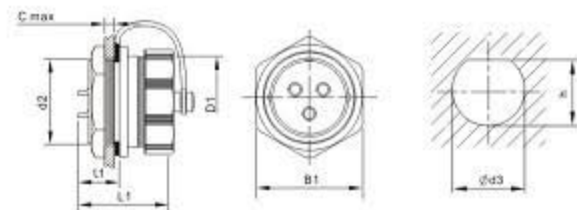


★ 芯数排列及技术特性表在 P41~P42
Contact arrangement and spec see page P41~P42

尺寸 Dimension	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
φd1	16	20	24	28	32	40	48	55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
I	10	10	10	10	13.8	13.8	13.8	13.8
L	26	28	28	28	37.5	37.5	37.5	37.5
b	20	22	26	30	32	40	48	52
B	26	29	32	36	42	50	58	64
φd	16.5	20.5	24.5	28.5	32.5	40.5	48.5	55.5
φ	3.5	3.5	3.5	3.5	3.5	4.5	4.5	4.5

● 后螺母插座: ZM Round flange rear panel mount socket : ZM

● 安装开孔 Panel cutout

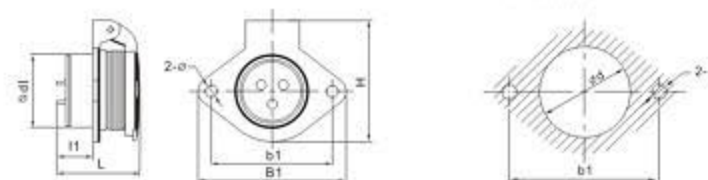


尺寸 Dimension	WS16	WS20	WS24	WS28
d2	M16X1	M20X1	M24X1	M28X1
D1	M18X1	M22X1	M26X1	M30X1
C	5	5	5	5
L1	10	10	10	10
L1	26	28	28	28
B1	21	25	29	33
φd3	16	20	24	28
h	15.4	19.4	23.2	26.9



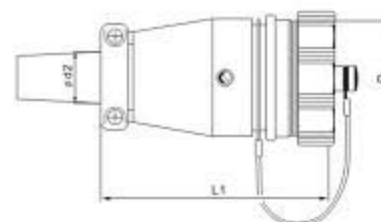
● 2孔法兰插座: ZG 2-hole flange panel mount socket : ZG

● 安装开孔 Panel cutout



尺寸 Dimension	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
φd	16.5	20.5	24.5	28.5	32.5	40.5	48.5	55.5
φd1	16	20	24	28	32	40	48	55
I1	10	10	10	10	13.8	13.8	13.8	13.8
L	30	32.3	32.3	32.3	42.2	42.2	42.2	43.2
b1	30	35	40	45	55	65	80	85
B1	38	44	50	55	67	77	92	98
H	32.5	33.5	40.5	45.5	52.5	63.5	74.5	80
φ	3.5	4.5	4.5	4.5	5.5	5.5	5.5	6.5

● 直式对接电缆护套插座: ZQ In-line sleeve cable socket : ZQ



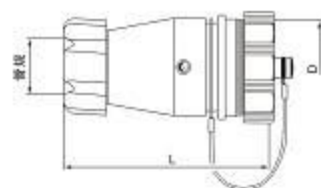
电缆护套尺寸见第40页
sleeve dimension see page 40

尺寸 Dimension	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L1	47.5	52	53	55	69	92	98	100
d2	10	11.6	12.4	15.7	19.5	24	24	30

护套可选购尺寸见第40页 Optional cap size see page 40



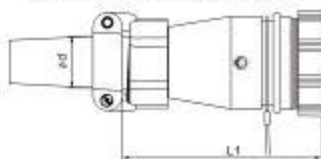
● 直式对接金属软管插座: ZP In-line metal hose cable socket: ZP



尺寸 Dimension mm	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L	53.5	58	59	61	75	99	103	106
管规 Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" (不标) II: 1 1/4"	1 1/4"

护盖可选购尺寸见第40页 Optional cap size see page 40

● 直式对接电缆护套插座: ZY In-line sleeve cable socket: ZY



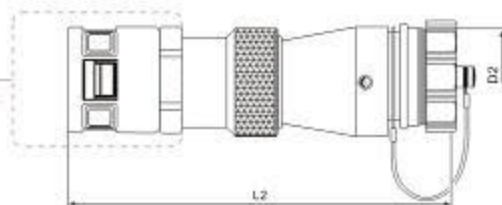
电缆护套尺寸见第40页
Sleeve dimension see page 40

尺寸 Dimension mm	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
D1	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L1	52.3	59.2	67	70	89.2	94.8	101.8	124.7
∅d	10	13	13	17	19	23	I: 23 (不标) II: 31	31

护盖可选购尺寸见第40页 Optional cap size see page 40

● 直式对接塑料软管插座: ZD In-line plastic hose cable socket: ZD

塑料软管接头可选购
Optional plastic hose adapter

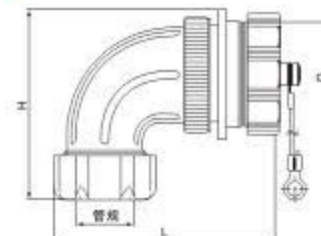


尺寸 Dimension mm	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
D2	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L2	80	90	97	104	126.7	134	141	160
接头规格 Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	I: PG29 (不标) II: PG36	PG36
管规 Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" (不标) II: 1 1/4"	1 1/4"

护盖可选购尺寸见第40页 Optional cap size see page 40

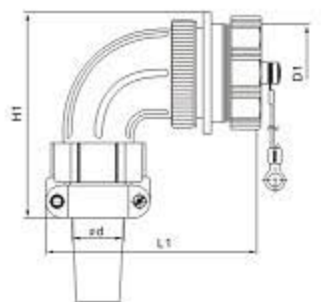


● 弯式对接金属软管插座: ZR Angled metal hose cable socket: ZR



尺寸 Dimension mm		WS20	WS24	WS28	WS32	WS40	WS48	WS55
D	—	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L	—	60	60	63	81	88	96	107
H	—	48	51	52	58	70	82	90
管规 Hose size	—	3/8"	3/8"	1/2"	3/4"	1"	1"	1 1/4"

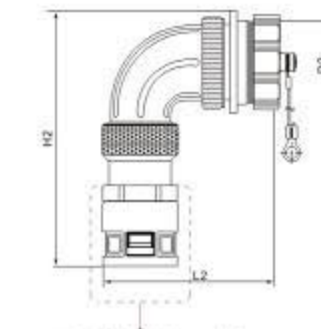
● 弯式对接电缆护套插座: ZS Angled sleeve cable socket: ZS



尺寸 Dimension mm		WS20	WS24	WS28	WS32	WS40	WS48	WS55
D1	—	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L1	—	60.6	60.4	64.7	82	89.2	96	114.2
H1	—	54.4	56.8	64	72	83.3	94.5	112.3
∅d	—	13	13	17	19	23	23	31

电缆护套尺寸见第40页 Sleeve dimension see page 40

● 弯式对接塑料软管插座: ZC Angled plastic hose cable socket: ZC

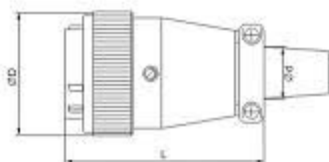


塑料软管接头可选购
Optional plastic hose adapter

尺寸 Dimension mm		WS20	WS24	WS28	WS32	WS40	WS48	WS55
D2	—	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L2	—	60	60	65	82	90	95	110
H2	—	88	88	98	110	120	135	140
接头规格 Adapter size	—	PG11	PG11	PG16	PG21	PG29	PG29	PG36
管规 Hose size	—	3/8"	3/8"	1/2"	3/4"	1"	1"	1 1/4"



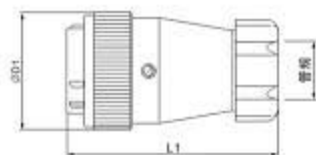
● 直式电缆护套插头: TQ Sleeve cable plug : TQ



尺寸 Dimension	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
∅D	21	25.6	30	33.8	38.2	46.2	55.8	63
L	42	49	52	55	68	75	84	94
∅d	10	11.6	12.4	15.7	19.5	24	24	30

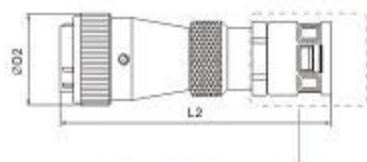
电缆护套尺寸见第40页 Sleeve dimension see page 40

● 直式金属软管插头: TP Metal hose cable plug : TP



尺寸 Dimension	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
∅D1	21	25.6	30	33.8	38.2	46.2	55.8	63
L1	48	55	58	61	74	82	90	100
管规 Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" (不标) II: 1 1/4"	1 1/4"

● 直式塑料软管插头: TD Plastic hose cable plug : TD

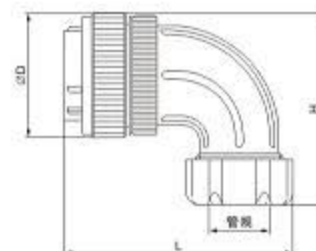


塑料软管接头可选购
Optional plastic hose adapter

尺寸 Dimension	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
∅D2	21	25.6	30	33.8	38.2	46.2	55.8	63
L2	63	75	60	63	120	132	138	150
接头规格 Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	I: PG29 (不标) II: PG36	PG36
管规 Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" (不标) II: 1 1/4"	1 1/4"

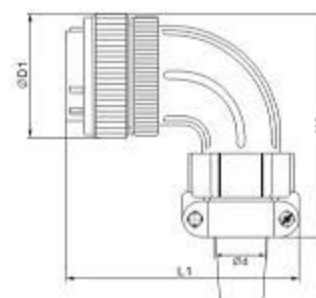


● 弯式金属软管插头: TR Angled metal hose cable plug : TR



尺寸 Dimension	WS20	WS24	WS28	WS32	WS40	WS48	WS55
∅D	25.6	30	33.8	38.2	46.2	55.8	63
H	48	51	52	58	70	82	90
L	60	60	63	81	88	96	107
管规 Hose size	3/8"	3/8"	1/2"	3/4"	1"	1"	1 1/4"

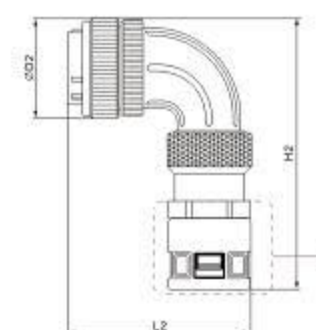
● 弯式电缆护套插头: TS Angled sleeve cable plug : TS



尺寸 Dimension	WS20	WS24	WS28	WS32	WS40	WS48	WS55
∅D1	25.6	30	33.8	38.2	46.2	55.8	63
H1	53	57	61	66	78	91	100
L1	60	61	64	80	88	96	107
∅d	11.6	12.4	15.7	19.5	24	24	30

电缆护套尺寸见第40页 Sleeve dimension see page 40

● 弯式塑料软管插头: TC Angled plastic hose cable plug : TC



尺寸 Dimension	WS20	WS24	WS28	WS32	WS40	WS48	WS55
∅D2	25.6	30	33.8	38.2	46.2	55.8	63
H2	60	62	65	82	88	96	107
L2	70	88	95	105	130	130	146
接头规格 Adapter size	PG11	PG11	PG16	PG21	PG29	PG29	PG36
管规 Hose size	3/8"	3/8"	1/2"	3/4"	1"	1"	1 1/4"

塑料软管接头可选购
Optional plastic hose adapter



WF系列 WF Series

型号标志代号 Part number system

WF

主称代号
Series code插座与面板配合直径
Panel Socket diameter and panel hole size

16、20、24、28、32、40、48、55

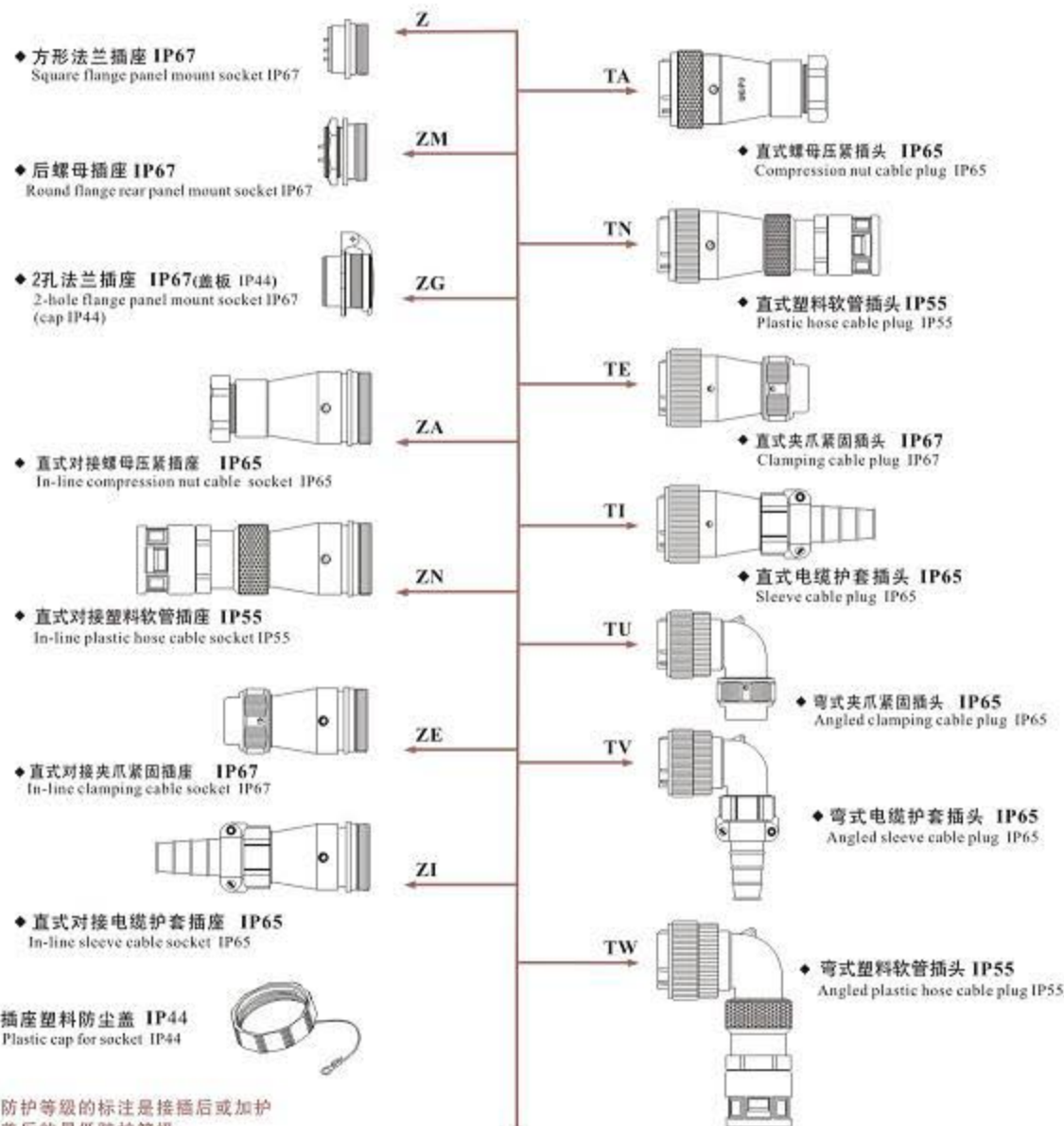
接插件种类
Contact genderJ-插针 Male contact
K-插孔 Female contact芯数
Number of contact:2、3、4、5、6、7、8、9、10、11、
12、13、15、16、17、19、20、24、
26、27、31、38、40、42、53、61接线类型:
Termination type:1)-焊接(焊接不标)
Solder (leave blank)
2)-压接(只限于 $\phi 5.5-\phi 10\text{mm}$)
Screw (available for $\phi 5.5-\phi 10\text{mm}$ contact)外壳结构形式:
Shell structure and cable fix type:直式: G)-2孔法兰插座 2-hole flange socket
Straight M)-后螺母插座 Rear mount
A)-螺母压紧 Compression nut
B)-塑料软管 Plastic hose
E)-夹爪紧固 Clamping
I)-电缆护套 PVC sleeve
弯式: U)-夹爪紧固 Clamping
Angled V)-电缆护套 PVC sleeve
W)-塑料软管 Plastic hose连接器种类:
Connector type:T-插头 plug
Z-插座 socket注: 连接器根据接触对数量, 其每一对的额定
电流按下表规定的下降计算。Remarks: according to the quantity of pair connectors,
rated current of the connectors descends as follow:

接触对芯数 Number of pins-connector	1~3	4~10	11~20	21~30	31~40	41~50	51~61
下降率 Descend rate	0	10	20	30	40	50	60

材料和技术参数 Material and spec

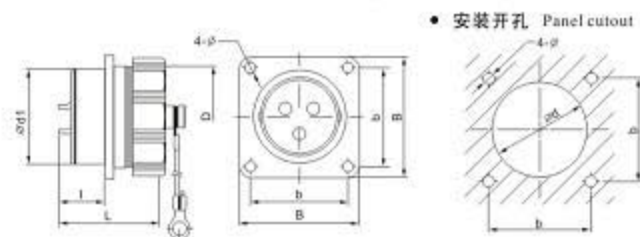
接插方式	Coupling	螺纹连接	Threaded coupling
外壳	Shell	锌基合金(镀镍)	Zinc alloy with chrome plating
绝缘体	Insert material	热塑塑料 PPS 耐高温 260℃	PPS max temperature 260 °C
接触件材料	Contact material	铜(镀金)	Brass with gold plating
接线方式	Termination	$\phi 1-\phi 3.5\text{mm}$ 焊接, $\phi 5.5-\phi 10\text{mm}$ 压接	$\phi 1-\phi 3.5\text{mm}$ Solder, $\phi 5.5-\phi 10\text{mm}$ screw
接插次数	Mating cycle	>500 次	>500
温度范围	Temperature range	-25℃ ~ +85℃	

WF型连接器配套表 WF Mating diagram

★ 防护等级的标注是接插后或加护
盖后的最低防护等级
IP rating marked is for after mated or
with cap.插头与插座可以是针或孔, 芯数排列及技术特性表在 P41~P42
Each side can be male or female contact, contact arrangement and spec see page P41~P42



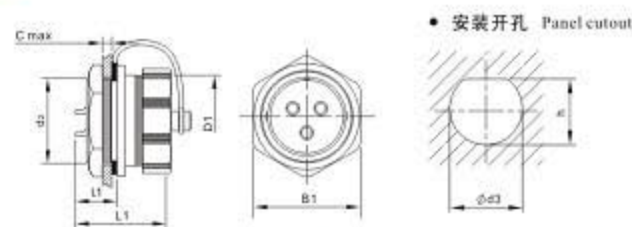
● 方形法兰插座: Z IP67 Square flange panel mount socket: Z IP67



★芯数排列及技术特性表在 P41~P42
Contact arrangement and spec see page P41~P42

尺寸 Dimension mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
∅d1	16	20	24	28	32	40	48	55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
l	10	10	10	10	13.8	13.8	13.8	13.8
L	26	28	28	28	37.5	37.5	37.5	37.5
b	20	22	26	30	32	40	48	52
B	26	29	32	36	42	50	58	64
∅d	16.5	20.5	24.5	28.5	32.5	40.5	48.5	55.5
∅	3.5	3.5	3.5	3.5	3.5	4.5	4.5	4.5

● 后螺母插座: ZM IP67 Round flange rear panel mount socket: ZM IP67



尺寸 Dimension mm	WF16	WF20	WF24	WF28
d2	M16X1	M20X1	M24X1	M28X1
D1	M18X1	M22X1	M26X1	M30X1
C	5	5	5	5
L1	10	10	10	10
L1	26	28	28	28
B1	21	25	29	33
∅d3	16	20	24	28
h	15.4	19.4	23.2	26.9

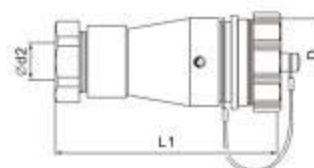


● 2孔法兰插座: ZG IP67(盖板 IP44) 2-hole flange panel mount socket: ZG IP67(cap IP44)



尺寸 Dimension mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
∅d1	16	20	24	28	32	40	48	55
∅d	16.5	20.5	24.5	28.5	32.5	40.5	48.5	55.5
l	10	10	10	10	13.8	13.8	13.8	13.8
L	30	32.3	32.3	32.3	42.2	42.2	42.2	43.2
b	30	35	40	45	55	65	80	85
B	38	44	50	55	67	77	92	98
H	32.5	33.5	40.5	45.5	52.5	63.5	74.5	80
∅	3.5	4.5	4.5	4.5	5.5	5.5	5.5	6.5

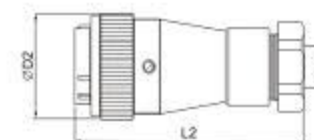
● 直式对接螺母压紧插座: ZA IP65 In-line compression nut cable socket: ZA IP65



尺寸 Dimension mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L1	59	68	69	76	92	109	116	110
∅d2	4.5-7	5-12	5-12	6.5-15.5	8.5-19.5	11.5-24.5	11.5-24.5	15-31

护盖可选购尺寸见第40页 Optional cap size see page 40

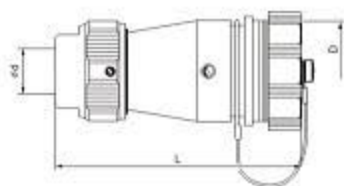
● 直式螺母压紧插头: TA IP65 Compression nut cable plug: TA IP65



尺寸 Dimension mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
∅D2	21	25.6	30	33.8	38.2	46.2	55.8	63
L2	54	65	68	73	90	101	102	107
∅d3	4.5-7	5-12	5-12	6.5-15.5	8.5-19.5	11.5-24.5	11.5-24.5	15-31



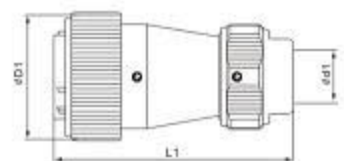
- 直式对接夹爪紧固插座: ZE IP67 In-line clamping cable socket: ZE IP67



尺寸 Dimensions	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L	53.6	61	67.6	68.2	90.4	103.6	108	131.6
d	6-6.5	10-10.5	10-10.5	10.5-12.5	15.5-17	18-20	I: 18-20 (不配) II: 24.5-26	24.5-26

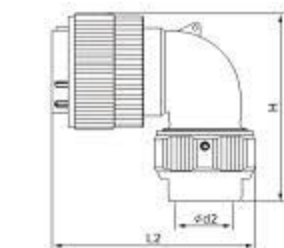
护盖可选购尺寸见第40页 Optional cap size see page 40

- 直式夹爪紧固插头: TE IP67 Clamping cable plug: TE IP67



尺寸 Dimensions	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
∅D1	21	25.6	30	33.8	38.2	46.2	55.8	63
L1	52.6	61.3	67.3	67.4	88	102.9	107.7	131.6
∅d1	6-6.5	10-10.5	10-10.5	10.5-12.5	15.5-17	18-20	I: 18-20 (不配) II: 24.5-26	24.5-26

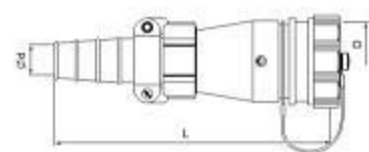
- 弯式夹爪紧固插头: TU IP65 Angled clamping cable plug: TU IP65



尺寸 Dimensions	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
H	43.2	50.3	54	56.7	74.6	80	98	105.2
L2	47.5	55	58.3	72	82.5	91.5	98.5	109.2
∅d2	6-6.5	10-10.5	10-10.5	10.5-12.5	15.5-17	18-20	18-20	24.5-26



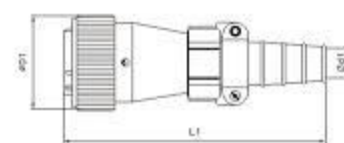
- 直式对接电缆护套插座: ZI IP65 In-line sleeve cable socket: ZI IP65



尺寸 Dimensions	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L	73	85.7	92	101	118.6	130.2	137	210.5
∅d	7-8	8-10.5	8-10.5	11.5-13.6	13-15.6	15.5-18.8	I: 15.5-18.8 (不配) II: 24-26	24-26

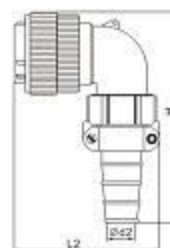
护盖可选购尺寸见第40页 Optional cap size see page 40

- 直式电缆护套插头: TI IP65 Sleeve cable plug: TI IP65



尺寸 Dimensions	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
∅D1	21	25.6	30	33.8	38.2	46.2	55.8	63
L1	72.3	86.9	92.5	100.6	118.3	130.4	137.2	161.1
∅d1	7-8	8-10.5	8-10.5	11.5-13.6	13-15.6	15.5-18.8	I: 15.5-18.8 (不配) II: 24-26	24-26

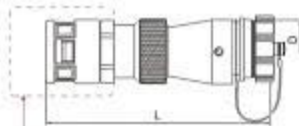
- 弯式电缆护套插头: TV IP65 Angled sleeve cable plug: TV IP65



尺寸 Dimensions	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
H	60	80	80	93	107	118	127	140
L2	45.5	53	56.3	70	80.5	89.5	98	107.2
∅d2	7-8	8-10.5	8-10.5	11.5-13.6	13-15.6	15.5-18.8	15.5-18.8	24-26



● 直式对接塑料软管插座: ZN IP55 In-line plastic hose cable socket: ZN IP55

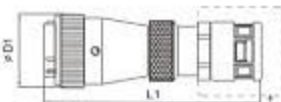


塑料软管接头可选购
Optional plastic hose adapter

尺寸 Dimension mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
D	M18X1	M22X1	M26X1	M30X1	M35X1.5	M44X1.5	M52X1.5	M59X1.5
L	80	90	97	104	126.7	134	141	160
接头规格 Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	I: PG29 (不标) II: PG36	PG36
管规 Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" (不标) II: 1 1/4"	1 1/4"

护盖可选购尺寸见第40页 Optional cap size see page 40

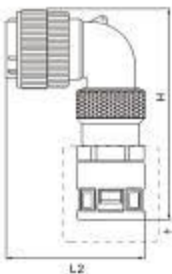
● 直式塑料软管插头: TN IP55 Plastic hose cable plug: TN IP55



塑料软管接头可选购
Optional plastic hose adapter

尺寸 Dimension mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
ØD1	21	25.6	30	33.8	38.2	46.2	55.8	63
L1	63	75	60	63	120	132	138	150
接头规格 Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	I: PG29 (不标) II: PG36	PG36
管规 Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" (不标) II: 1 1/4"	1 1/4"

● 弯式塑料软管插头: TW IP55 Angled plastic hose cable plug: TW IP55



塑料软管接头可选购
Optional plastic hose adapter

尺寸 Dimension mm	WF16	WF20	WF24	WF28	WF32	WF40	WF48	WF55
H	58	78	78	91	105	120	125	132
L2	46.5	54	57.3	71	81.5	90.5	98	108
接头规格 Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	PG29	PG36
管规 Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	1"	1 1/4"





● WY系列 IP44-IP67

WY Series IP44-IP67

型号标志代号 Part number system

主称代号
Series code插座与面板配合直径
Panel Socket diameter and panel hole size
16, 20, 24, 28, 32, 40, 48, 55接插件种类
Contact gender
J-插针 Male contact
K-插孔 Female contact

芯数

Number of contact:
2, 3, 4, 5, 6, 7, 8, 9, 10, 11,
12, 13, 15, 16, 17, 19, 20, 24,
26, 27, 31, 38, 40, 42, 53, 61

接线类型:

Termination type:
1)-焊接(焊接不标)
Solder (leave blank)
2)-压接(只限于 $\phi 5.5-\phi 10\text{mm}$)
Screw (available for $\phi 5.5-\phi 10\text{mm}$ contact)

外壳结构形式:

Shell structure and cable fix type:
直式: G)-2孔法兰插座 2-hole flange socket
M)-后螺母插座 Rear mount
E)-夹爪紧固 Clamping
I)-电缆护套 PVC sleeve
B)-塑料软管 Plastic hose
弯式: U)-夹爪紧固 Clamping
V)-电缆护套 PVC sleeve
W)-塑料软管 Plastic hose

连接器种类:

Connector type:
T-插头 plug
Z-插座 socket●注: 连接器根据接触对数量, 其每一对的额定
电流按下表规定的下降计算。Remarks: according to the quantity of pair connectors,
rated current of the connectors descends as follow.

接触对芯数 Number of pins connector	1-3	4-10	11-20	21-30	31-40	41-50	51以上
下降率 Descend rate	0	10	20	30	40	50	60

材料和技术参数 Material and spec

接插方式	Coupling	卡扣连接	Bayonet
外壳	Shell	锌基合金(镀镍)	Zinc alloy with chrome plating
绝缘体	Insert material	热塑塑料 PPS 耐高温 260℃	PPS Temperature 260℃
接触件材料	Contact material	铜镀金	Brass with gold plating
接线方式	Termination	$\phi 1-\phi 3.5\text{mm}$ 焊接, $\phi 5.5-\phi 10\text{mm}$ 压接	$\phi 1-\phi 3.5\text{mm}$ Solder, $\phi 5.5-\phi 10\text{mm}$ screw
接插次数	Mating cycle	>500次	>500
温度范围	Temperature range	-25℃~+85℃	

● WY系列配套表 WY Mating diagram

◆ 方形法兰插座 IP67
Square flange panel mount socket IP67◆ 后螺母插座 IP67
Round flange rear panel mount
socket IP67◆ 2孔法兰插座 IP67(盖板 IP44)
2-hole flange panel mount socket IP67
(cap IP44)◆ 直式对接夹爪紧固插座 IP67
In-line Clamping cable socket IP67◆ 直式对接电缆护套插座 IP65
In-line sleeve cable socket IP65◆ 直式对接塑料软管插座 IP55
In-line plastic hose cable socket IP55◆ 插座金属防尘盖 IP67
Metal cap for socket IP67

Z

ZM

ZG

ZE

ZI

ZB

TE

TI

TB

TU

TV

TW

◆ 直式夹爪紧固插头 IP67
Clamping cable plug IP67◆ 直式电缆护套插头 IP65
Sleeve cable plug IP65◆ 直式塑料软管插头 IP55
Plastic hose cable plug IP55◆ 弯式夹爪紧固插头 IP66
Angled clamping cable plug IP66◆ 弯式电缆护套插头 IP65
Angled sleeve cable plug IP65◆ 弯式塑料软管插头 IP55
Angled plastic hose cable plug IP55★ 防护等级的标注是接插后或加护
盖后的最低防护等级
IP rating marked is for after mated or
with cap.

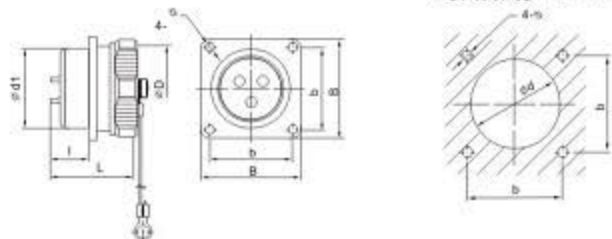
插头与插座可以是针或孔, 芯数排列及技术特性表在 P41~P42

Each side can be male or female contact, contact arrangement and spec see page P41~P42



● 方形法兰插座: Z IP67 Square flange panel mount socket : Z IP67

● 安装开孔 Panel cutout

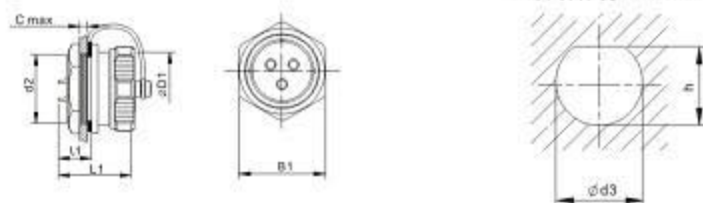


★ 芯数排列及技术特性表在 P41~P42
Contact arrangement and spec see page P41~P42

尺寸 (Dimensions)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
∅d1	16	20	24	28	32	40	48	55
∅D	18	22	26	30	35	44	52	59
I	10	10	10	10	13.8	13.8	13.8	13.8
L	26	28	28	28	37.5	37.5	37.5	37.5
b	20	22	26	30	32	40	48	52
B	26	29	32	36	42	50	58	64
∅d	16.5	20.5	24.5	28.5	32.5	40.5	48.5	55.5
∅	3.5	3.5	3.5	3.5	3.5	4.5	4.5	4.5

● 后螺母插座: ZM IP67 Round flange rear panel mount socket : ZM IP67

● 安装开孔 Panel cutout

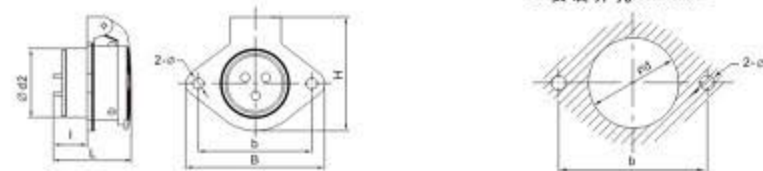


尺寸 (Dimensions)	WY16	WY20	WY24	WY28
d2	M16X1	M20X1	M24X1	M28X1
∅D1	18	22	26	30
C	5	5	5	5
L1	10	10	10	10
L1	26	28	28	28
B1	21	25	29	33
∅d3	16.5	20.5	24.5	28.5
h	15.4	19.4	23.2	26.9

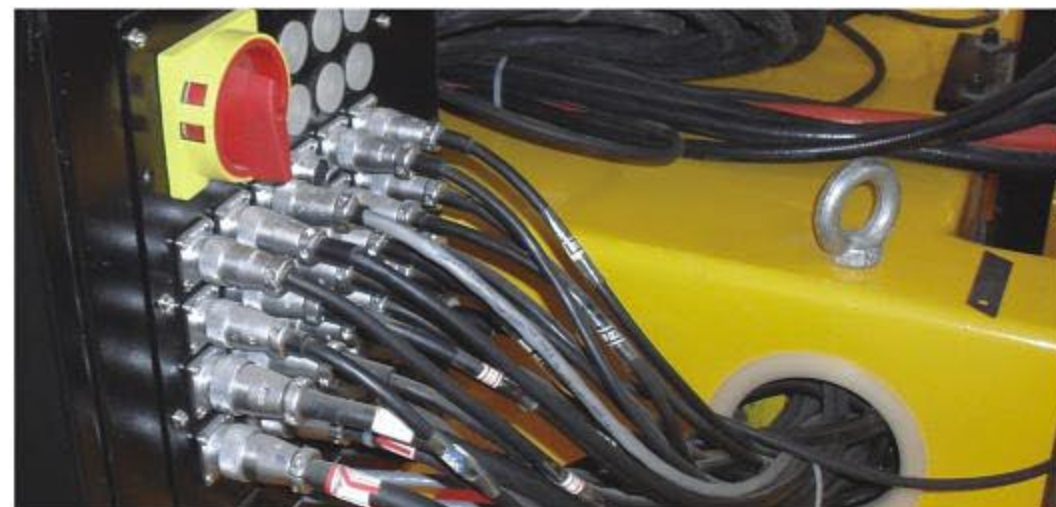


● 2孔法兰插座: ZG IP67(盖板 IP44) 2-hole flange panel mount socket : ZG IP67(cap IP44)

● 安装开孔 Panel cutout

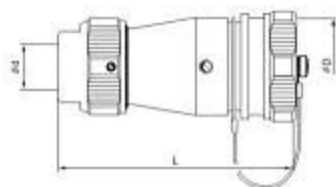


尺寸 (Dimensions)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
∅d2	16	20	24	28	32	40	48	55
∅d	16.5	20.5	24.5	28.5	32.5	40.5	48.5	55.5
I	10	10	10	10	13.8	13.8	13.8	13.8
L	30	32.3	32.3	32.3	42.2	42.2	42.2	43.2
b	30	35	40	45	55	65	80	85
B	38	44	50	55	67	77	92	98
H	32.5	33.5	40.5	45.5	52.5	63.5	74.5	80
∅	3.5	4.5	4.5	4.5	5.5	5.5	5.5	6.5





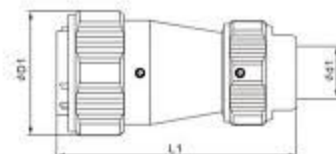
- 直式对接夹爪紧固插座: ZE IP67 In-line Clamping cable socket : ZE IP67



尺寸 Dimension (mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
∅D	18	22	26	30	35	44	52	59
L	53.6	61	67.6	68.2	90.4	103.6	108	131.6
∅d	6-6.5	10-10.5	10-10.5	10.5-12.5	15.5-17	18-20	1:18-20 (非标) 1:24-26	24.5-26

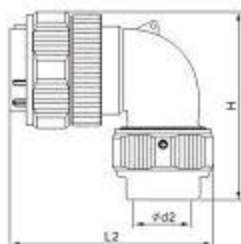
护盖可选购尺寸见第40页 Optional cap size see page 40

- 直式夹爪紧固插头: TE IP67 Clamping cable plug : TE IP67



尺寸 Dimension (mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
∅D1	25	30	34	38.5	44.5	54	62	68.5
L1	52.6	61.3	67.3	67.4	88	102.9	107.7	131.1
∅d1	6-6.5	10-10.5	10-10.5	10.5-12.5	15.5-17	18-20	1:18-20 (非标) 1:24-26	24.5-26

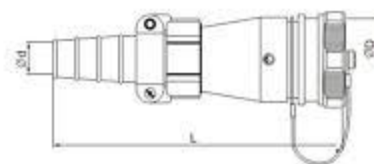
- 弯式夹爪紧固插头: TU IP66 Angled clamping cable plug : TU IP66



尺寸 Dimension (mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
H	43.2	50.3	54	56.7	74.6	80	98	105.2
L2	47.5	55	58.3	72	82.5	91.5	98.5	109.2
∅d2	6-6.5	10-10.5	10-10.5	10.5-12.5	15.5-17	18-20	18-20	24.5-26



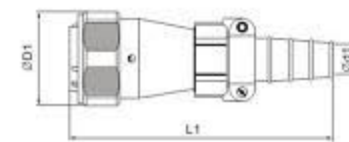
- 直式对接电缆护套插座: ZI IP65 In-line sleeve cable socket : ZI IP65



尺寸 Dimension (mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
∅D	18	22	26	30	35	44	52	59
L	73	85.7	92	101	118.6	130.2	137	210.5
∅d	7-8	8-10.5	8-10.5	11.5-13.6	13-15.6	15.5-18.8	1:15.5-18.8 (非标) 1:24-28	24-28

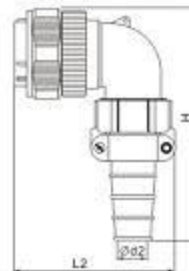
护盖可选购尺寸见第40页 Optional cap size see page 40

- 直式电缆护套插头: TI IP65 Sleeve cable plug : TI IP65



尺寸 Dimension (mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
∅D1	25	30	34	38.5	44.5	54	62	68.5
L1	72.3	86.9	92.5	100.6	118.3	130.4	137.2	161.1
∅d1	7-8	8-10.5	8-10.5	11.5-13.6	13-15.6	15.5-18.8	1:15.5-18.8 (非标) 1:24-28	24-28

- 弯式电缆护套插头: TV IP65 Angled sleeve cable plug: TV IP65

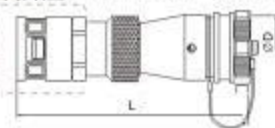


尺寸 Dimension (mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
H	60	80	80	93	107	118	127	140
L2	45.5	53	56.3	70	80.5	89.5	98	107.2
∅d2	7-8	8-10.5	8-10.5	11.5-13.6	13-15.6	15.5-18.8	15.5-18.8	24-28



● 直式对接塑料软管插座: ZB IP55 In-line plastic hose cable socket: ZB IP55

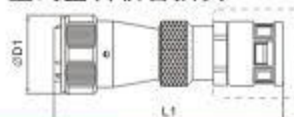
塑料软管接头可选购
Optional plastic hose adapter



尺寸 Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
Ø D	18	22	26	30	35	44	52	59
L	78	89.3	95.7	102.3	122.9	133.4	138.8	155
接头规格 Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	I: PG29 (不标) II: PG36	PG36
管规 Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" (不标) II: 1 1/4"	1 1/4"

护盖可选购尺寸见第40页 Optional cap size see page 40

● 直式塑料软管插头: TB IP55 Plastic hose cable plug: TB IP55



塑料软管接头可选购
Optional plastic hose adapter

尺寸 Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
Ø D1	25	30	34	38.5	44.5	54	62	68.5
L1	76.7	90.1	94.6	101.7	119.5	133.4	140	157
接头规格 Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	I: PG29 (不标) II: PG36	PG36
管规 Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	I: 1" (不标) II: 1 1/4"	1 1/4"

● 弯式塑料软管插头: TW IP55 Angled plastic hose cable plug: TW IP55



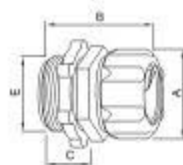
尺寸 Dimension(mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
H	58	78	78	91	105	120	125	132
L2	46.5	54	57.3	71	81.5	90.5	98	108
接头规格 Adapter size	PG7	PG11	PG11	PG16	PG21	PG29	PG29	PG36
管规 Hose size	1/4"	3/8"	3/8"	1/2"	3/4"	1"	1"	1 1/4"

塑料软管接头可选购
Optional plastic hose adapter





● 直式金属软管接头 Metal hose adapter



尺寸 Dimensions (mm)	Part No. 型号	WAB-16	WAB-20	WAB-24	WAB-30	WAB-36	WAB-45
A		19.6	24.8	29.1	35.7	41.8	52
B		26.7	33.3	37	37.9	41.5	43.1
C		9	14	15	16	17	18
E		16	20	24	30	36	45
管规 size		—	3/8"	1/2"	3/4"	1"	—
螺纹 Thread		M16X1.5	M20X1.5	M24X1.5	M30X2	M36X2	M45X2

● 弯式金属软管接头 Angled metal hose adapter



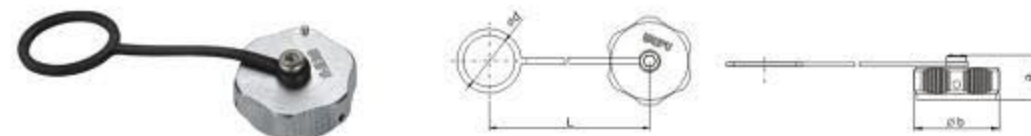
尺寸 Dimensions (mm)	Part No. 型号	WAL-20	WAL-24	WAL-30	WAL-36	WAL-45
A		24.8	29.1	35.7	41.8	52
B		48.5	53	59	70	91.5
C		14	15	16	17	18
E		20	24	30	36	45
管规 size		3/8"	1/2"	3/4"	1"	—
螺纹 Thread		M20X1.5	M24X1.5	M30X2	M36X2	M45X2

● 电缆护套 PVC cable protection sleeve



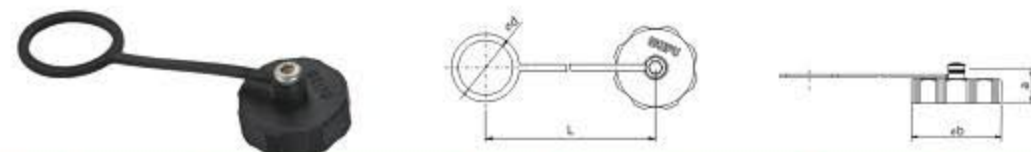
尺寸 Dimensions (mm)	WS16	WS20	WS24	WS28	WS32	WS40	WS48	WS55
D	11.5	16.5	16.5	19	25	30	30	36
L	30	38	38	38	51	53	53	59
d	6	6	6	7	13	17.8	17.8	23

● WY 直式对接插座护盖 IP67 In-line socket cap for WY series IP67



尺寸 Dimensions (mm)	WY16	WY20	WY24	WY28	WY32	WY40	WY48	WY55
a	13.5	14.5	14.5	14.5	17	17	17	17
∅b	20	29.5	34	38.5	44	54	62	68.5
∅d	16	20	24	28	32	40	48	55
L	55	60	65	70	90	100	110	120

● WS, WF 直式对接插座护盖 In-line socket cap for WS, WF series



尺寸 Dimensions (mm)	WS / WF16	WS / WF20	WS / WF24	WS / WF28	WS / WF32	WS / WF40	WS / WF48	WS / WF55
a	14	14.5	14.5	14.5	20	20	20	20
∅b	21	26	29.5	34	39	48	55.5	62.5
∅d	16	20	24	28	32	40	48	55
L	55	60	65	70	90	100	110	120

芯数排列及技术特性表 **1** Contact arrangement and spec

WS16, WF16, WY16	2	3	4	5	7	9
插针绝缘体正面图 Male contact face view						
额定电流A Rated current (A)	10A	10A	5A	5A	5A	5A
接触件直径 Contact diameter	φ1.5X2	φ1.5X3	φ1X4	φ1X5	φ1X7	φ1X9
工作电压 (AC.V) Rated voltage (AC.V)	500V	500V	500V	500V	400V	400V
耐压 (AC.V) 1 min Test voltage (AC.V) 1 min	1500V	1500V	1500V	1500V	1200V	1200V
接触电阻 mΩ Contact resistance mΩ	2.5	2.5	5	5	5	5
绝缘电阻 MΩ Insulation resistance MΩ	2000	2000	2000	2000	2000	2000

WS20, WF20, WY20	2	3	4	5	7	9	12
插针绝缘体正面图 Male contact face view							
额定电流A Rated current (A)	25A	25A	25A	10A	10A	5A	5A
接触件直径 Contact diameter	φ2.5X2	φ2.5X3	φ2.5X4	φ1.5X5	φ1.5X7	φ1X9	φ1X12
工作电压 (AC.V) Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	400V
耐压 (AC.V) 1 min Test voltage (AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V	1200V
接触电阻 mΩ Contact resistance mΩ	1	1	1	2.5	2.5	5	5
绝缘电阻 MΩ Insulation resistance MΩ	2000	2000	2000	2000	2000	2000	2000

WS24, WF24, WY24	2	4	10	12	19
插针绝缘体正面图 Male contact face view					
额定电流A Rated current (A)	25A	25A	10A	10A	5A
接触件直径 Contact diameter	φ2.5X2	φ2.5X4	φ1.5X10	φ1.5X12	φ1X19
工作电压 (AC.V) Rated voltage (AC.V)	500V	500V	500V	500V	500V
耐压 (AC.V) 1 min Test voltage (AC.V) 1 min	1500V	1500V	1500V	1500V	1500V
接触电阻 mΩ Contact resistance mΩ	1	1	2.5	2.5	5
绝缘电阻 MΩ Insulation resistance MΩ	2000	2000	2000	2000	2000

WS28, WF28, WY28	2	3	4	7	12	16	17	20	24	26
插针绝缘体正面图 Male contact face view										
额定电流A Rated current (A)	25A	50A	25A	25A	10A	10A	10A	5A	5A	5A
接触件直径 Contact diameter	φ2.5X2	φ3.5X3	φ2.5X4	φ2.5X7	φ1.5X12	φ1.5X16	φ1.5X17	φ1X20	φ1X24	φ1X26
工作电压 (AC.V) Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V	400V	400V	400V
耐压 (AC.V) 1 min Test voltage (AC.V) 1 min	2000V	1500V	1500V	1500V	1500V	1500V	1500V	1200V	1200V	1200V
接触电阻 mΩ Contact resistance mΩ	1	0.5	1	1	2.5	2.5	2.5	5	5	5
绝缘电阻 MΩ Insulation resistance MΩ	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

芯数排列及技术特性表 **2** Contact arrangement and spec

WS32, WF32, WY32	4	6	8	10	10B	11	13	19
插针绝缘体正面图 Male contact face view								
额定电流A Rated current (A)	50A	10A, 25A	10A, 25A	10A, 25A	25A	25A	10A, 25A	10A
接触件直径 Contact diameter	φ3.5X4	φ1.5X2 φ3.5X4	φ1.5X5 φ3.5X3	φ1.5X5 φ2.5X5	φ2.5X10	φ2.5X11	φ1.5X9 φ2.5X4	φ1.5X19
工作电压 (AC.V) Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V	500V
耐压 (AC.V) 1 min Test voltage (AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V
接触电阻 mΩ Contact resistance mΩ	0.5	2.5, 0.5	2.5, 0.5	2.5, 1	1	1	2.5, 1	2.5
绝缘电阻 MΩ Insulation resistance MΩ	2000	2000	2000	2000	2000	2000	2000	2000

WS40, WF40, WY40	5	9	15	26	31
插针绝缘体正面图 Male contact face view					
额定电流A Rated current (A)	50A	25A, 50A	10A	10A, 25A	10A
接触件直径 Contact diameter	φ3.5X5	φ2.5X5 φ3.5X4	φ1.5X15	φ1.5X22 φ2.5X4	φ1.5X31
工作电压 (AC.V) Rated voltage (AC.V)	500V	500V	500V	500V	500V
耐压 (AC.V) 1 min Test voltage (AC.V) 1 min	1500V	1500V	1500V	1500V	1500V
接触电阻 mΩ Contact resistance mΩ	0.5	1, 0.5	2.5	2.5, 1	2.5
绝缘电阻 MΩ Insulation resistance MΩ	2000	2000	2000	2000	2000

WS48, WF48, WY48	5	7	20	27	38	42
插针绝缘体正面图 Male contact face view						
额定电流A Rated current (A)	100A	50A	25A	10A, 25A	10A, 25A	10A
接触件直径 Contact diameter	φ5.5X5	φ3.5X7	φ2.5X20	φ1.5X26 φ2.5X1	φ1.5X33 φ2.5X5	φ1.5X42
工作电压 (AC.V) Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V
耐压 (AC.V) 1 min Test voltage (AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V
接触电阻 mΩ Contact resistance mΩ	0.3	0.5	1	2.5, 1	2.5, 1	2.5
绝缘电阻 MΩ Insulation resistance MΩ	2000	2000	2000	2000	2000	2000

WS55, WF55, WY55	4	7	40	53	61
插针绝缘体正面图 Male contact face view					
额定电流A Rated current (A)	50A, 200A	50A, 100A	10A, 25A	10A, 25A	10A
接触件直径 Contact diameter	φ3.5X1 φ10X3	φ3.5X1 φ5.5X6	φ1.5X25 φ2.5X15	φ1.5X48 φ2.5X5	φ1.5X61
工作电压 (AC.V) Rated voltage (AC.V)	500V	500V	500V	500V	500V
耐压 (AC.V) 1 min Test voltage (AC.V) 1 min	1500V	1500V	1500V	1500V	1500V
接触电阻 mΩ Contact resistance mΩ	0.5, 0.2	0.5, 0.3	2.5, 1	2.5, 1	2.5
绝缘电阻 MΩ Insulation resistance MΩ	2000	2000	2000	2000	2000