



● M23 系列-电源 M23 for power

材料和技术参数

Material and spec

外壳材料	Shell material	锌基合金(镀镍) Zinc alloy with nickel plating
接触件材料	Contact material	铜镀金 Brass with gold plating
绝缘体	Insert material	PA66
绝缘电阻	Insulation resistance	$> 10^{13} \text{ m}\Omega$
接线方式	Termination	压接 Crimp
温度范围	Temperature range	$-40 \text{ }^\circ\text{C} \sim +125 \text{ }^\circ\text{C}$
接插次数	Mating cycle	1000
电缆直径	Cable outer diameter range	I: 4-8mm (订制 Special order) II: 8-13mm (标配 Standard) III: 12-17mm (订制 Special order)
防护等级	IP rating	IP67
接插方式	Coupling	螺纹锁紧 Threaded coupling



公针直式电缆插头
Male contact
cable connector

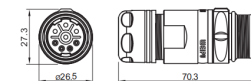
M23DJ_TK

芯数
Number of contact

颜色 Colour
灰色: GY (标配) Gray: GY (Standard)
黑色: BK (订制), 橙色: OG (订制) Black: BK (Special order), Orange: OG (Special order)
蓝色: BU (订制), 绿色: GN (订制) Blue: BU (Special order), Green: GN (Special order)
紫色: PL (订制) Purple: PL (Special order)

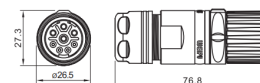
电缆直径 Cable outer diameter range
I: 4-8mm (订制 Special order) II: 8-13mm (标配 Standard)
III: 12-17mm (订制 Special order)

S:屏蔽 Shield
U:不带屏蔽 Unshielded



母针直式电缆插头
Female contact
cable connector

M23DK_TK_





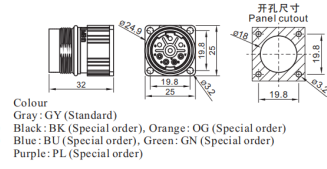
公针直式方形法兰插座
Male contact
square flange receptacle

M23DJ_Z_

芯数
Number of contact

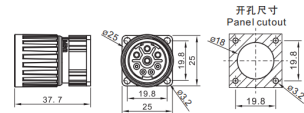
颜色
Grey: GY (标配)
Black: BK (订制),
Blue: BU (订制),
Purple: PL (订制)

颜色
Orange: OG (订制)
Green: GN (订制)
Purple: PL (订制)



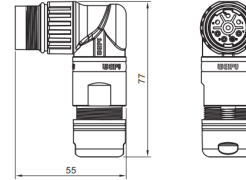
母针直式方形法兰插座
Female contact
square flange receptacle

M23DK_Z_



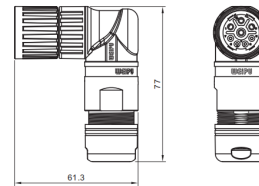
公针弯式电缆插头
Male contact
angled cable connector

M23DJ_TL_ _ _



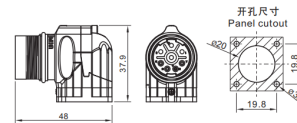
母针弯式电缆插头
Female contact
angled cable connector

M23DK_TL_ _ _



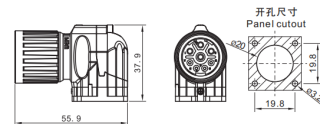
公针弯式方形法兰插座
Male contact angled
square flange receptacle

M23DJ_ZL_





母针弯式方形法兰插座
Female contact angled
square flange receptacle

M23DK_ZL_



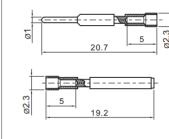
M23系列电源芯件参数表 M23 for power contact arrangement and spec

01

公端绝缘体正面图 Male contact face view	芯数 Number of contact	接触件直径 Contact diameter (mm)	额定电压 Rated voltage (AC.V)	额定电流 Rated current (A)	耐压 Test voltage (AC.V)1min
	6(5+PE)	ø2	600	28	4000
	8(3+4+PE)	ø1×4 ø2×4	300 600	8 28	2500

8A压接插针 8A Crimp contact

※接触直径: $\phi 1$
Contact diameter: $\phi 1$
※材料: 铜镀金
Material: Brass with gold plating



8A压接公插针 8A Male crimp contact

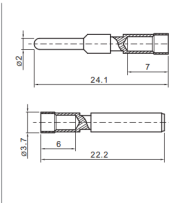
线规 Wire size	剥线长度 Stripping length	压接公插针 Male crimp contact p/n	压接工具 Crimping tool p/n
0.08-0.5mm ² AWG 28-20	4mm	YJ1-20.7-0.56AU	CTW-0.14/4
0.25-1.0mm ² AWG 23-17	4mm	YJ1-20.7-1.0AU	CTW-0.14/4

8A冷压母插针 8A Female crimp contact

线规 Wire size	剥线长度 Stripping length	压接母插针 Female crimp contact p/n	压接工具 Crimping tool p/n
0.08-0.5mm ² AWG 28-10	4mm	YK1-19.2-0.56AU	CTW-0.14/4
0.25-1.0mm ² AWG 23-17	4mm	YK1-19.2-1.0AU	CTW-0.14/4

28A压接插针 28A Crimp contact

※接触直径: $\phi 2$
Contact diameter: $\phi 2$
※材料: 铜镀金
Material: Brass with gold plating



28A压接公插针 28A Male crimp contact

线规 Wire size	剥线长度 Stripping length	压接公插针 Male crimp contact p/n	压接工具 Crimping tool p/n
0.08-0.5mm ² AWG 28-20	7mm	YJ2-24.1-0.56AU	CTW-0.14/4
1-2.5mm ² AWG 18-13	7mm	YJ2-24.1-2.5AU	CTW-0.14/4
2.5-4mm ² AWG 13-12	7mm	YJ2-24.1-4.0AU	CTW-0.14/4

28A压接母插针 28A Female crimp contact

线规 Wire size	剥线长度 Stripping length	压接母插针 Female crimp contact p/n	压接工具 Crimping tool p/n
0.08-0.5mm ² AWG 28-20	6mm	YJ2-22.2-0.56AU	CTW-0.14/4
1-2.5mm ² AWG 18-13	6mm	YK2-22.2-2.5AU	CTW-0.14/4
2.5-4mm ² AWG 13-12	6mm	YK2-22.2-4.0AU	CTW-0.14/4

压接工具 Crimp tool

用于插针的压接
For crimping the male / female contacts



型号 Part number	压线范围 Crimping wire range
CTW-0.14/4	0.14-4mm ² AWG 25-11



● M23 系列-信号 M23 for signal

材料和技术参数
Material and spec

外壳材料	Shell material	锌基合金(镀镍) Zinc alloy with nickel plating
接触件材料	Contact material	铜镀金 Brass with gold plating
绝缘体	Insert material	PA66
绝缘电阻	Insulation resistance	9、12 针 pins: $>10^{10}\Omega$ 17、19 针 pins: $>10^8\Omega$
接线方式	Termination	压接 Crimp
温度范围	Temperature range	$-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
接插次数	Mating cycle	1000
电缆直径	Cable outer diameter range	I: 4-8mm (订制 Special order) II: 8-13mm (标配 Standard) III: 12-17mm (订制 Special order)
防护等级	IP rating	IP67
接插方式	Coupling	螺纹锁紧 Threaded coupling

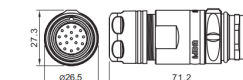


公针直式电缆插头
Male contact
cable connector

M23SJ_TK

芯数
Number of contact

键槽(见第P01-07页)
N: 灰色(标配), S: 黑色(订做)
H: 橙色(订做), X: 蓝色(订做)
Y: 绿色(订做), Z: 紫色(订做)
电缆直径 Cable outer diameter range
I: 4-8mm (订制 Special order) II: 8-13mm (标配 Standard)
III: 12-17mm (订制 Special order)
S:屏蔽 Shield
U:不带屏蔽 Unshielded

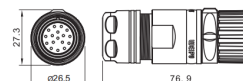


键槽(见第P01-07页)
Coded chuck (See P01-07)
N: Gray (Standard), S: Black (Special order)
H: Orange (Special order), X: Blue (Special order)
Y: Green (Special order), Z: Purple (Special order)



母针直式电缆插头
Female contact
cable connector

M23SK_TK_



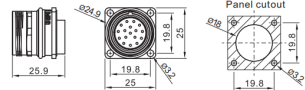


公针直式方形法兰插座
Male contact
square flange receptacle

M23SJ_Z

芯数
Number of contact

键槽(见第P01-07页)
N: 灰色(标配), S: 黑色(订做)
H: 橙色(订做), X: 蓝色(订做)
Y: 绿色(订做), Z: 紫色(订做)

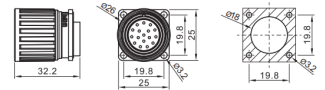


Code'd chuck (See P01-07)
N: Gray (Standard), S: Black (Special order)
H: Orange (Special order), X: Blue (Special order)
Y: Green (Special order), Z: Purple (Special order)



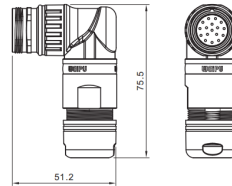
母针直式方形法兰插座
Female contact
square flange receptacle

M23SK_Z



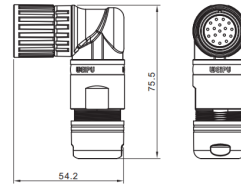
公针弯式电缆插头
Male contact
angled cable connector

M23SJ_TL



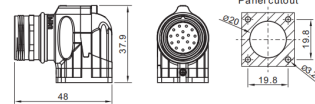
母针弯式电缆插头
Female contact
angled cable connector

M23SK_TL



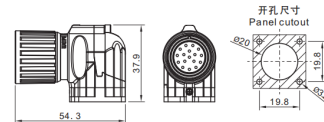
公针弯式方形法兰插座
Male contact angled
square flange receptacle

M23SJ_ZL



母针弯式方形法兰插座
Female contact angled
square flange receptacle

M23SK_ZL



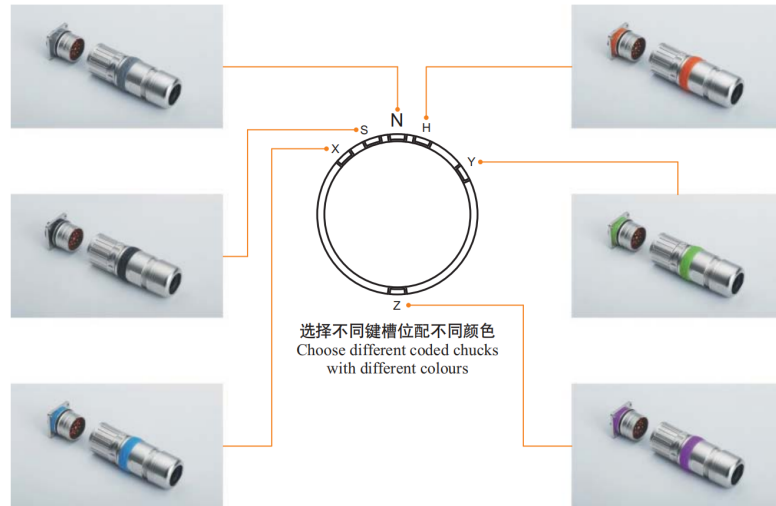
M23系列信号芯件参数表 M23 for signal contact arrangement and spec

01

公端绝缘体正面图 Male contact face view	芯数 Number of contact	接触件直径 Contact diameter (mm)	额定电压 Rated voltage (AC.V)	额定电流 Rated current (A)	耐压 Test voltage (AC.V)1min
	9(8+1)	ø1 8 ø2 1	300	8 20	2500
	12	ø1 12	300	8	2500
	17	ø1 17	150	8	1500
	19(16+3)	ø1 16 ø1.5 3	150	8 10	1500

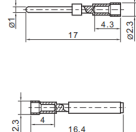
接触件芯数 Number of Contact	可选接插角度 Optional Angle	编码槽 Coded Chuck
9	N, S, H, X, Y	 公端/标准插拔面 Male contact face view 母端/标准插拔面 Female contact face view
12	N, S, H, X, Y, Z	
17	N, S, H, X, Y, Z	
19	N, S, H, X, Y	

编码N在原始状态是打开的，运用其它的编码请打开编码卡头
Code N is open in original state, if you need to use another, please open the coded chuck head.



8A压接插针 8A Crimp contact

※接触直径: $\phi 1$
Contact diameter: $\phi 1$
※材料: 铜镀金
Material: Brass with gold plating



8A压接公插针 8A Male crimp contact

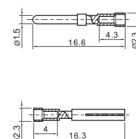
线规 Wire size	剥线长度 Stripping length	压接公插针 Male crimp contact p/n	压接工具 Crimping tool p/n
0.08-0.5mm ² AWG 28-20	4mm	YJ1-17-0.56AU	CTW-0.14/4
0.56-1mm ² AWG 20-17	4mm	YJ1-17-1.0AU	CTW-0.14/4
1-1.5mm ² AWG 17-16	4mm	YJ1-17-1.5AU	CTW-0.14/4

8A冷压母插针 8A Female crimp contact

线规 Wire size	剥线长度 Stripping length	压接母插针 Female crimp contact p/n	压接工具 Crimping tool p/n
0.08-0.5mm ² AWG 28-20	4mm	YK1-16.4-0.56AU	CTW-0.14/4
0.56-1mm ² AWG 20-17	4mm	YK1-16.4-1.0AU	CTW-0.14/4
1-1.5mm ² AWG 17-16	4mm	YK1-16.4-1.5AU	CTW-0.14/4

10A压接插针 10A Crimp contact

※接触直径: $\phi 1.5$
Contact diameter: $\phi 1.5$
※材料: 铜镀金
Material: Brass with gold plating



10A压接公插针 10A Male crimp contact

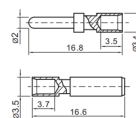
线规 Wire size	剥线长度 Stripping length	压接公插针 Male crimp contact p/n	压接工具 Crimping tool p/n
0.14-0.5mm ² AWG 26-20	4mm	YJ1.5-16.6-0.56AU	CTW-0.14/4
0.5-1mm ² AWG 20-17	4mm	YJ1.5-16.6-1.0AU	CTW-0.14/4
1-1.5mm ² AWG 17-16	4mm	YJ1.5-16.6-1.5AU	CTW-0.14/4

10A压接母插针 10A Female crimp contact

线规 Wire size	剥线长度 Stripping length	压接母插针 Female crimp contact p/n	压接工具 Crimping tool p/n
0.14-0.5mm ² AWG 26-20	4mm	YK1.5-16.3-0.56AU	CTW-0.14/4
0.56-1mm ² AWG 20-17	4mm	YK1.5-16.3-1.0AU	CTW-0.14/4
1-1.5mm ² AWG 17-16	4mm	YK1.5-16.3-1.5AU	CTW-0.14/4

20A压接插针 20A Crimp contact

※接触直径: $\phi 2$
Contact diameter: $\phi 2$
※材料: 铜镀金
Material: Brass with gold plating



20A压接公插针 20A Male crimp contact

线规 Wire size	剥线长度 Stripping length	压接公插针 Male crimp contact p/n	压接工具 Crimping tool p/n
0.75-2.5mm ² AWG 18-13	3.5mm	YJ2-16.8-2.5AU	CTW-0.14/4

20A压接母插针 20A Female crimp contact

线规 Wire size	剥线长度 Stripping length	压接母插针 Female crimp contact p/n	压接工具 Crimping tool p/n
0.75-2.5mm ² AWG 18-13	3.5mm	YK2-16.6-2.5AU	CTW-0.14/4

压接工具 Crimp tool

用于插针的压接
For crimping the male / female contacts



型号 Part number	压线范围 Crimping wire range
CTW-0.14/4	0.14-4mm ² AWG 25-11

勝特力電材超市-龍山店 886-3-5773766
 勝特力電材超市-光復店 886-3-5729570
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
<http://www.100y.com.tw>