



Connect to the World

Founded in 1996, Weipu is one of the leading waterproof connector manufacturers in China. We have R&D professionals, up-to-date machinery, a fully equipped in-house testing lab and a customer-focused quality management system in accordance with ISO 9001. Weipu operates in compliance with the highest industry standards with certifications of RoHs, CE, CSA, and UL concerning quality, safety and sustainability.

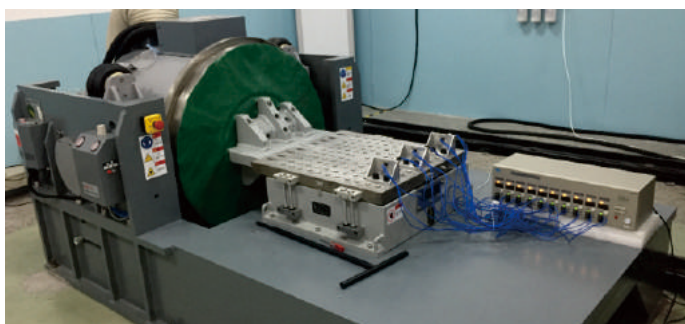
Specialised in circular waterproof connectors, we offer push-pull, threaded and bayonet connectors, ranging from 3A to 400A, 2pin to 61pin, and IP44 to IP68, which can be applied to a wide variety of industrial applications operating in challenging environments.



Workshop building



In-house Test Lab Equipment



Vibration Test Equipment



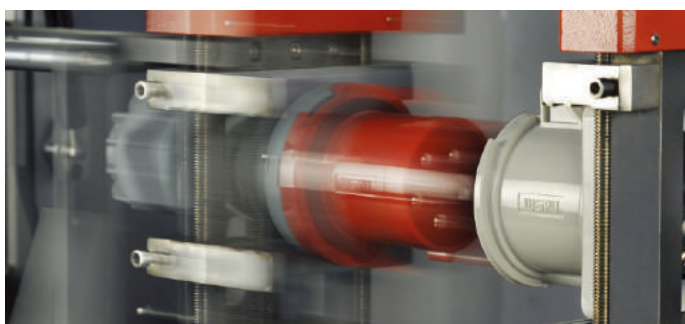
Electric Current Break Test Equipment



Optical Comparator



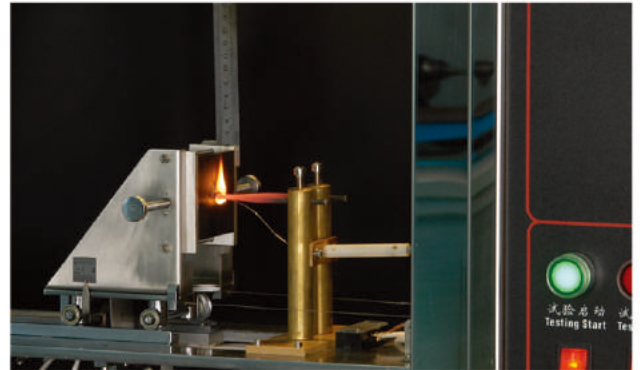
Waterproof IP Rating Test Chamber



Mating Cycle Life Time Test Machine



Accurate Size Test Equipment



IP 67


● **M23 for power**

Material and spec

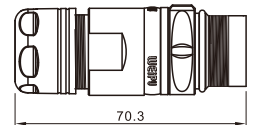
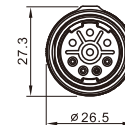
Shell material	Zinc alloy with nickel plating
Contact material	Brass with gold plating
Insert material	PA66
Insulation resistance	> 10 ¹³ mΩ
Termination	Crimp
Temperature range	-40°C ~ +125 °C
Mating cycle	1000
Cable outer diameter range	I: 4-8mm (Special order) II: 8-13mm (Standard) III: 12-17mm (Special order)
IP rating	IP67
Coupling	Threaded coupling

Male contact cable connector



M23DJ_TK
 Number of contact

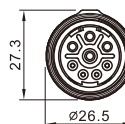
- Colour
- Gray:GY (Standard)
- Black:BK (Special order),Orange:OG (Special order)
- Blue:BU (Special order),Green:GN (Special order)
- Purple:PL (Special order)
- Cable outer diameter range
- I: 4-8mm (Special order) II: 8-13mm (Standard)
- III: 12-17mm (Special order)
- S: Shield
- U: Unshielded



Female contact cable connector



M23DK_TK_



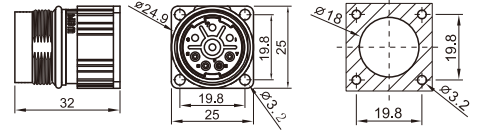


Male contact square flange receptacle

M23DJ_Z

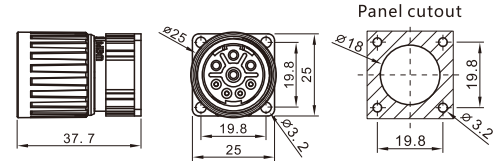
Number of contact

Colour
 Gray:GY (Standard)
 Black:BK (Special order),Orange:OG (Special order)
 Blue:BU (Special order),Green:GN (Special order)
 Purple:PL (Special order)



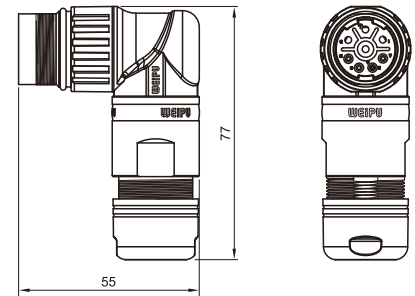
Female contact square flange receptacle

M23DK_Z_



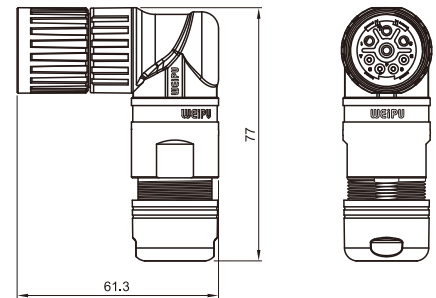
Male contact angled cable connector

M23DJ_TL_ _ _



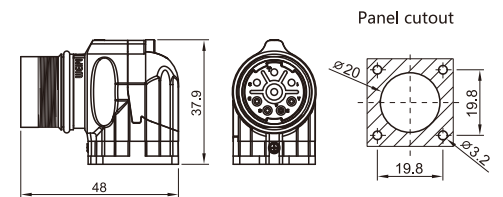
Female contact angled cable connector

M23DK_TL_ _ _



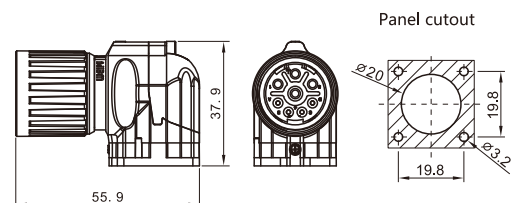
Male contact angled square flange receptacle

M23DJ_ZL_


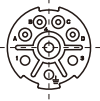


Female contact angled square flange receptacle

M23DK_ZL_



M23 for power contact arrangement and spec

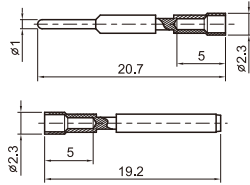
Male contact face view	Number of contact	Contact diameter (mm)	Rated voltage (AC.V)	Rated current (A)	Test voltage (AC.V)1min
	6(5+PE)	∅2	600	28	4000
	8(3+4+PE)	∅1×4 ∅2×4	300 600	8 28	2500

M23 contact spec

8A Crimp contact

Contact diameter: $\varnothing 1$

Material: Brass with gold plating



8A Male crimp contact

Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n
0.25-1.0mm ² AWG 23-17	4mm	YJ1-20.7-1.0AU	CT-W26/12

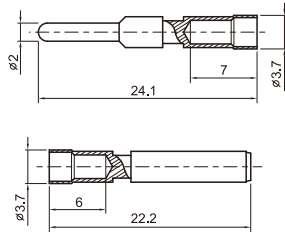
8A Female crimp contact

Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n
0.25-1.0mm ² AWG 23-17	4mm	YK1-19.2-1.0AU	CT-W26/12

28A Crimp contact

Contact diameter: $\varnothing 2$

Material: Brass with gold plating



28A Male crimp contact

Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n
1-2.5mm ² AWG 18-13	7mm	YJ2-24.1-2.5AU	CT-W26/12
2.5-4mm ² AWG 13-12	7mm	YJ2-24.1-4.0AU	CT-W26/12

28A Female crimp contact

Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n
1-2.5mm ² AWG 18-13	6mm	YK2-22.2-2.5AU	CT-W26/12
2.5-4mm ² AWG 13-12	6mm	YK2-22.2-4.0AU	CT-W26/12

Crimp tool

For crimping the male / female contacts



Part number	Crimping wire range
CT-P20/28	0.08-0.52mm ² AWG 28-20
CTW-0.14/4	0.14-4mm ² AWG 25-11


IP 67



● **M23 for signal**

Material and spec

Shell material	Zinc alloy with nickel plating
Contact material	Brass with gold plating
Insert material	PA66
Insulation resistance	9、12 pins: $>10^{10}$ m Ω 17、19 pins: $>10^6$ m Ω
Termination	Crimp
Temperature range	-40°C ~ +125°C
Mating cycle	1000
Cable outer diameter range	I: 4-8mm (Special order) II: 8-13mm (Standard) III: 12-17mm (Special order)
IP rating	IP67
Coupling	Threaded coupling

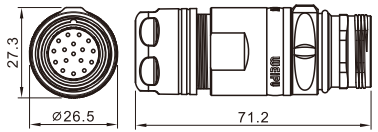



Male contact cable connector

M23SJ _TK_

Number of contact

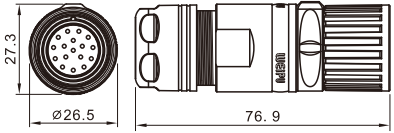
- Coded chuck (See P7)
- N: Gray (Standard), S:Black (Special order)
- H: Orange (Special order), X: Blue (Special order)
- Y: Green (Special order), Z: Purple (Special order)
- Cable outer diameter range
- I: 4-8mm (Special order) II: 8-13mm (Standard)
- III: 12-17mm (Special order)
- S: Shield
- U: Unshielded





Female contact cable connector

M23SK _TK_ _ _





Male contact square flange receptacle

M23SJ_Z_

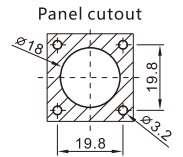
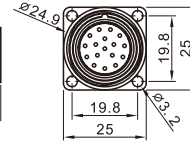
Number of contact

Coded chuck (See P7)

N: Gray (Standard), S:Black (Special order)

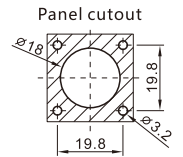
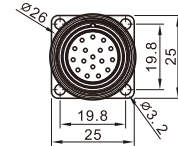
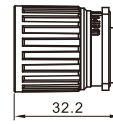
H: Orange (Special order), X: Blue (Special order)

Y: Green (Special order), Z: Purple (Special order)



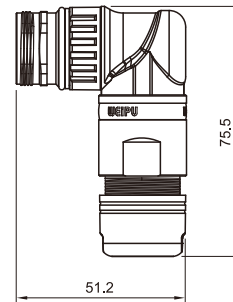
Female contact square flange receptacle

M23SK_Z_



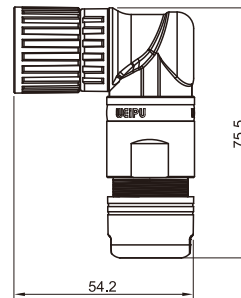
Male contact angled cable connector

M23SJ_TL_ _ _



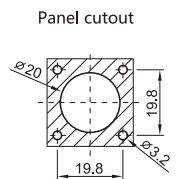
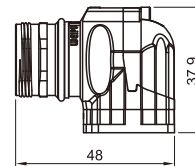
Female contact angled cable connector

M23SK_TL_ _ _



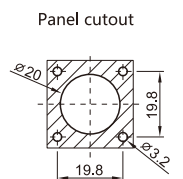
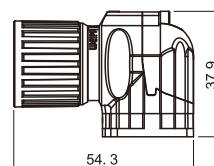
Male contact angled square flange receptacle

M23SJ_ZL_



Female contact angled square flange receptacle

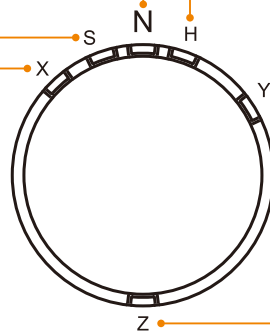
M23SK_ZL_



M23 for signal contact arrangement and spec

Male contact face view	Number of contact	Contact diameter (mm)	Rated voltage (AC.V)	Rated current (A)	Test voltage (AC.V) Imin
	9(8+1)	∅1×8 ∅2×1	300	8 20	2500
	12	∅1×12	300	8	2500
	17	∅1×17	150	8	1500
	19(16+3)	∅1×16 ∅1.5×3	150	8 10	1500

Number of Contact	Optional Angle	Coded Chuck
9	----- N,S,H,X,Y	 Female contact face view Male contact face view
12	----- N,S,H,X,Y,Z	
17	----- N,S,H,X,Y,Z	
19	----- N,S,H,X,Y	
<p>Code N is open in original state, if you need to use another, please open the coded chuck head.</p>		



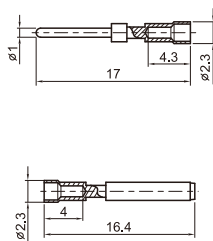
Choose different coded chucks with different colours

M23 for signal contact spec

8A Crimp contact

Contact diameter: $\varnothing 1$

Material: Brass with gold plating



8A Male crimp contact

Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n
0.08-0.5mm ² AWG 28-20	4mm	YJ1-17-0.56AU	CT-W32/20
0.56-1mm ² AWG 20-17	4mm	YJ1-17-1.0AU	CT-W26/12
1-1.5mm ² AWG 17-16	4mm	YJ1-17-1.5AU	CT-W26/12

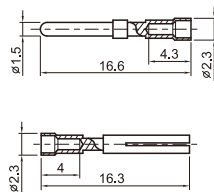
8A Female crimp contact

Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n
0.08-0.5mm ² AWG 28-20	4mm	YK1-16.4-0.56AU	CT-W32/20
0.56-1mm ² AWG 20-17	4mm	YK1-16.4-1.0AU	CT-W26/12
1-1.5mm ² AWG 17-16	4mm	YK1-16.4-1.5AU	CT-W26/12

10A Crimp contact

Contact diameter: $\varnothing 1.5$

Material: Brass with gold plating



10A Male crimp contact

Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n
0.14-0.5mm ² AWG 26-20	4mm	YJ1.5-16.6-0.56AU	CT-W26/12
0.5-1mm ² AWG 20-17	4mm	YJ1.5-16.6-1.0AU	CT-W26/12

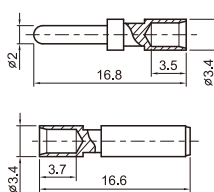
10A Female crimp contact

Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n
0.14-0.5mm ² AWG 26-20	4mm	YK1.5-16.3-0.56AU	CT-W26/12
0.56-1mm ² AWG 20-17	4mm	YK1.5-16.3-1.0AU	CT-W26/12

20A Crimp contact

Contact diameter: $\varnothing 2$

Material: Brass with gold plating



20A Male crimp contact

Wire size	Stripping length	Male crimp contact p/n	Crimping tool p/n
0.75-2.5mm ² AWG 18-13	3.5mm	YJ2-16.8-2.5AU	CT-W26/12

20A Female crimp contact

Wire size	Stripping length	Female crimp contact p/n	Crimping tool p/n
0.75-2.5mm ² AWG 18-13	3.5mm	YK2-16.6-2.5AU	CT-W26/12

Crimp tool

For crimping the male / female contacts



Part number	Crimping wire range
CT-P20/28	0.08-0.52mm ² AWG 28-20
CTW-0.14/4	0.14-4mm ² AWG 25-11



IP67

M23 Series



