



● **M23 for signal**

Material and spec

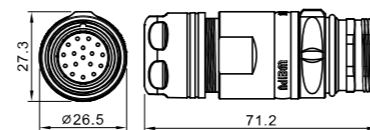
Shell material	Zinc alloy with nickel plating
Contact material	Brass with gold plating
Insert material	PA66
Insulation resistance	9、12 pins: >10 ¹⁰ mΩ 17、19 pins: >10 ⁶ mΩ
Termination	Crimp
Temperature range	-40 °C ~ +125 °C
Mating cycle	1000
Cable outer diameter range	I: 4-8mm (Special order) II: 8-13mm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



Male contact cable connector

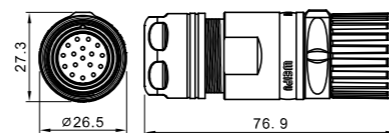
M23SJ_TK
Number of contact

- 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_

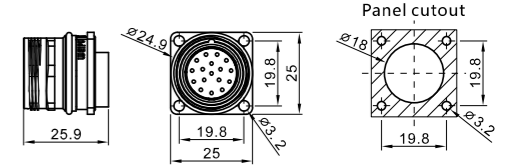


Male contact square flange receptacle

M23SJ_Z

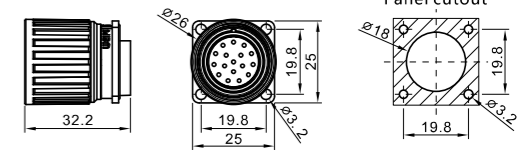
Number of contact

- 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)



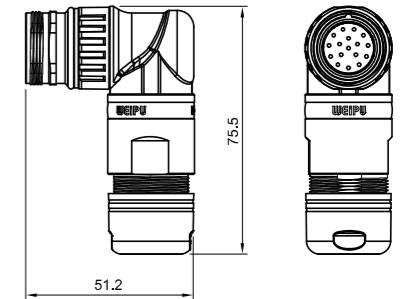
Female contact square flange receptacle

M23SK_Z_



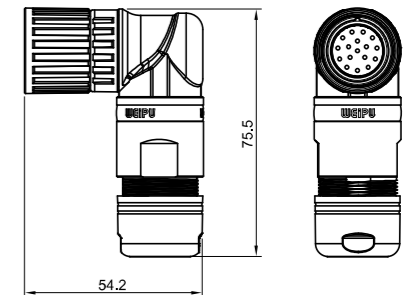
Male contact angled cable connector

M23SJ_TL_



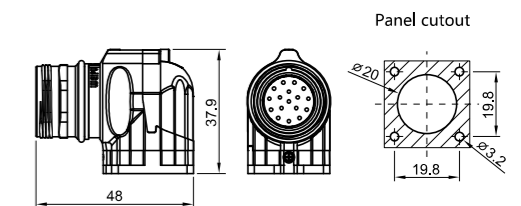
Female contact angled cable connector

M23SK_TL_



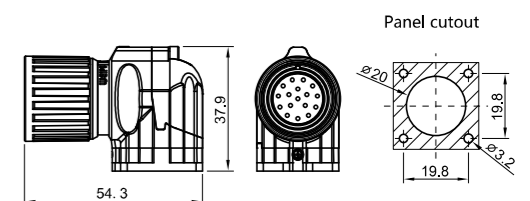
Male contact angled square flange receptacle

M23SJ_ZL_



Female contact angled square flange receptacle

M23SK_ZL_



M23 for signal contact arrangement and spec

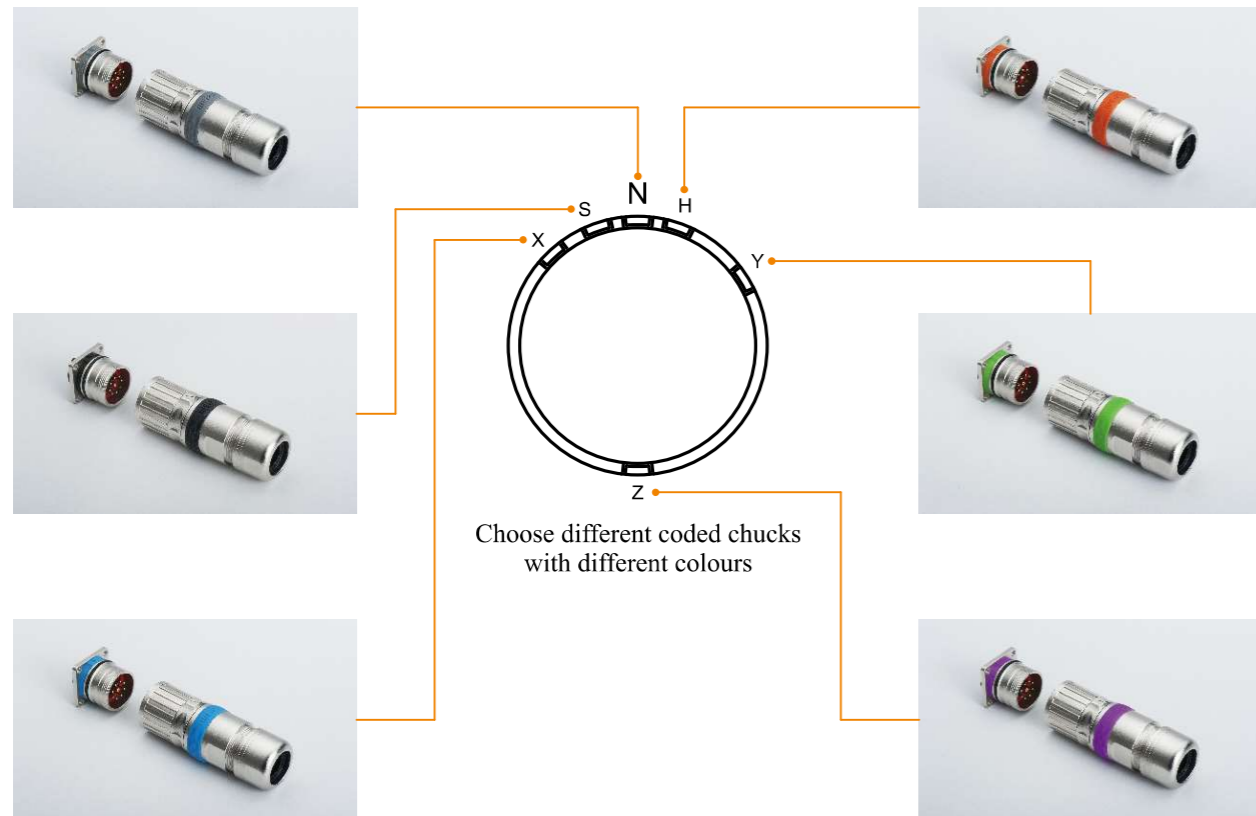
Male contact face view	Number of contact	Contact diameter (mm)	Rated voltage (AC.V)	Rated current (A)	Test voltage (AC.V)Imin
	9(8+1)	∅1×8 ∅2×1	300	8 20	2500
	12	∅1×12	300	8	2500
	17	∅1×17	150	8	1500
	19(16+3)	∅1×16 ∅1.5×3	150	8 10	1500

Number of Contact	Optional Angle
9	N,S,H,X,Y
12	N,S,H,X,Y,Z
17	N,S,H,X,Y,Z
19	N,S,H,X,Y

Code N is open in original state, if you need to use another, please open the coded chuck head.

Female contact face view

Male contact face view

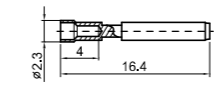
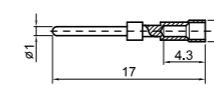


M23 for signal contact spec

8A Crimp contact

Contact diameter: ∅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

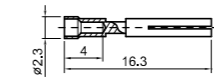
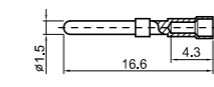
8A Female crimp contact

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: ∅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

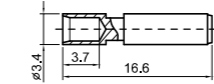
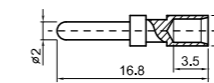
10A Female crimp contact

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: ∅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

Crimping 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
CT-4/10	4-10mm ² AWG 11-7