

WK Series Connector

Push Locking Connection



● Features:

- Reliable Quick Connection
- Key Lock structure
- Optional Shielding function
- Up to IP68 rating



Patented product

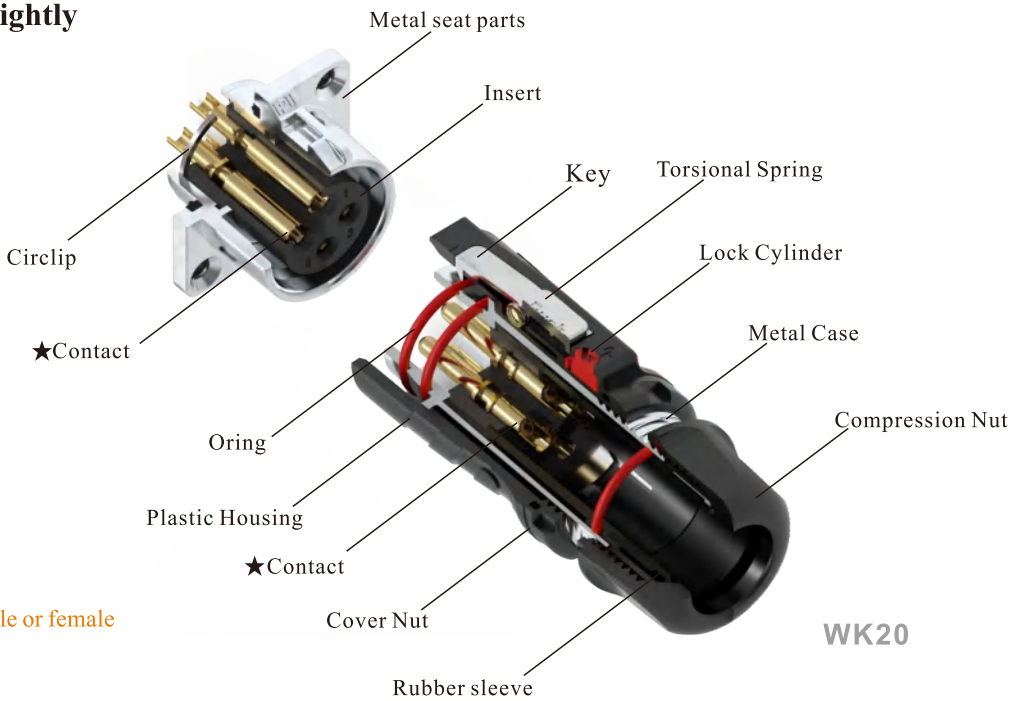
- Reliable Quick Connection
- Optional Shielding function

- Key lock structure, requires tool to unplug

- Embedded sealing for Aging Resistant



- WK16 Series IP67
- WK20 Series IP68
- Lock the hook tightly

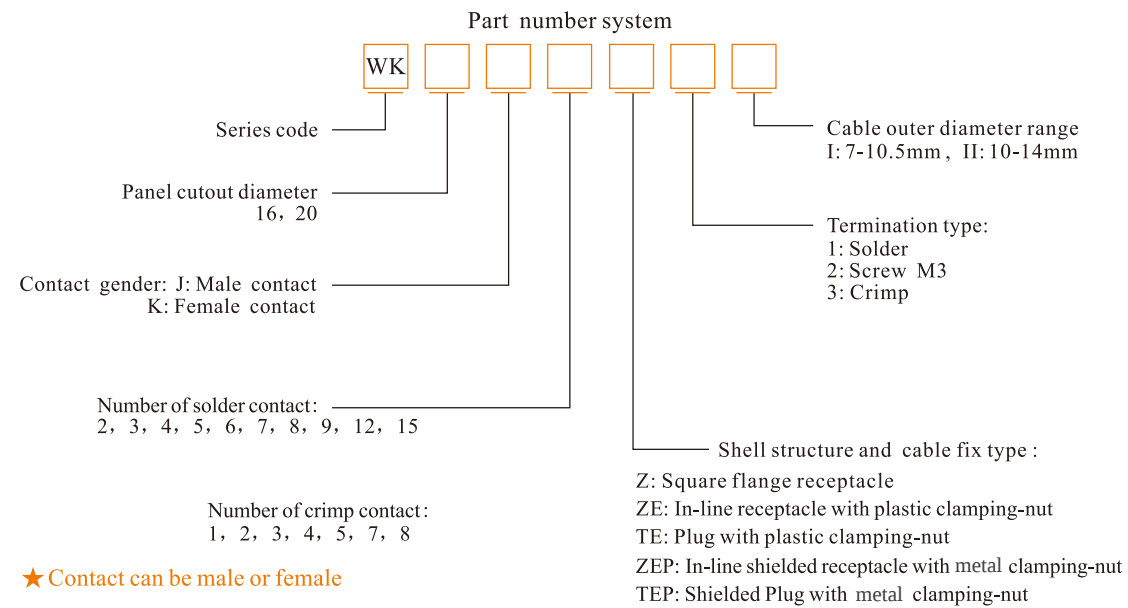


★ Contact can be male or female

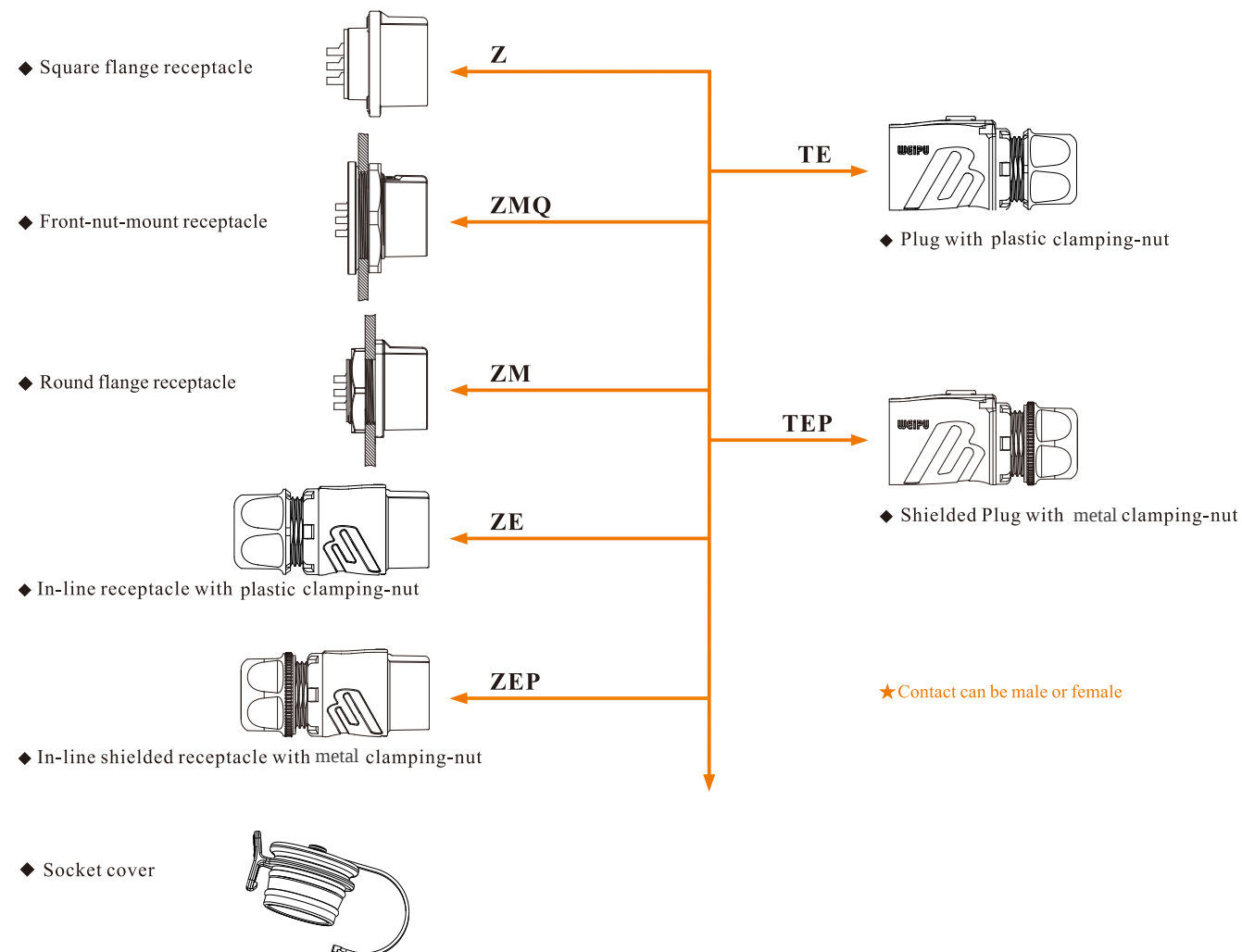
Material and spec

Specifications	WK16	WK20
Coupling	Push Locking connection	
Shell	PPE / Zinc alloy	
Insert material	WK20 PPS, WK16 PBT, max temperature 260 °C	
Contact material	Brass	
Contact plating	Gold Plating	
Termination	Solder: Ø1mm, Ø1.5mm contact	Solder: Ø1mm , Ø2mm, Ø3mm contact Screw: Ø3mm contact Crimp: Ø1mm , Ø1.5 mm , Ø2.5mm, Ø5.5mm contact
Key lock	Without	With
IP rating	IP67	IP68
Mating cycle	500	
Temperature range	-40℃~+105℃	
Insulation resistance	2000 MΩ	

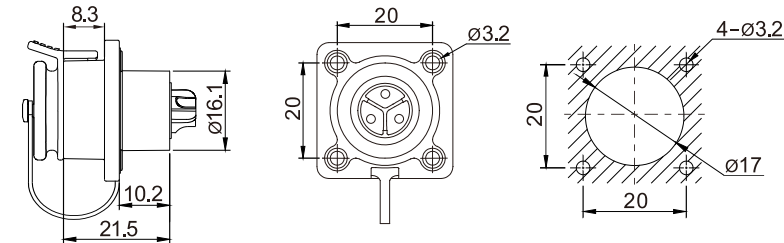
● **WK Series**



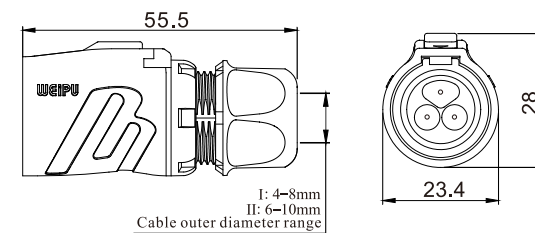
WK Series Mating diagram



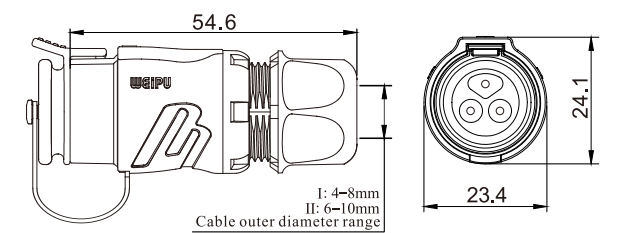
- Square flange receptacle: Z IP67



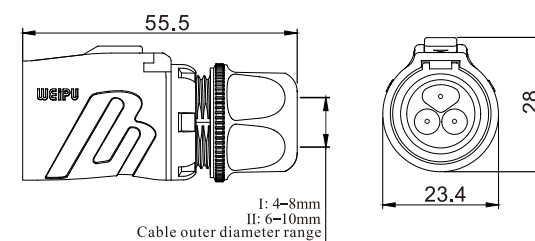
- Plug with plastic clamping-nut: TE IP67



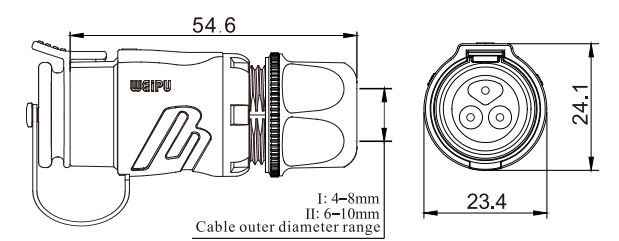
- In-line receptacle with plastic clamping-nut: ZE IP67



- Shielded Plug with metal clamping-nut: TEP IP67



- In-line shielded receptacle with metal clamping-nut: ZEP IP67



Solder contact spec

WK16	2	3	4	5	7	8	9
Male contact face view							
Rated current (A)	10	10	10	5	5	5	5
Contact diameter(mm)	ø1.5X2	ø1.5X3	ø1.5X4	ø1X5	ø1X7	ø1X8	ø1X9
Rated voltage (AC.V)	400	400	400	250	250	250	250
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500
Contact resistance(mΩ)	2.5	2.5	2.5	5	5	5	5
Wire size (mm²/AWG)	≤1.5/16	≤1.5/16	≤1.5/16	≤0.75/20	≤0.75/20	≤0.75/20	≤0.75/20