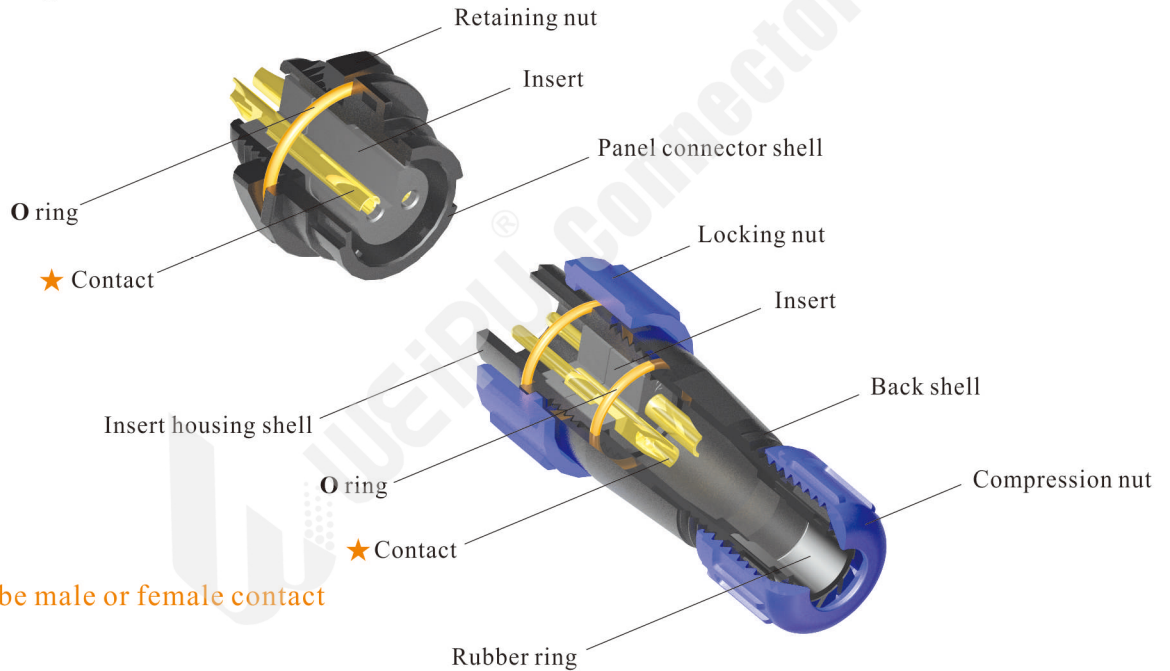




- SY Series IP67
- Bayonet coupling



★ Each side can be male or female contact

Material and spec

Coupling	Bayonet
Shell material	PC: Panel connector shell, Insert housing shell Nylon66: Locking nut, Back shell, Compressing nut, Retaining nut Fire resistance: V-0
Insert material	PPS, max temperature 260 °C
Contact material	Brass with gold plating
Termination	Solder: SY13, SY17, SY21 Crimp: SY17, SY21 Screw: SY21 (Ø3mm contact)
IP rating	IP67
Mating cycle	500
Temperature range	-40°C~+85°C
Insulation resistance (MΩ)	2000

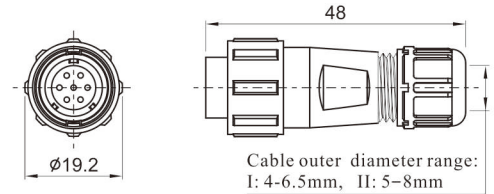
SY13 Series IP67



Cable connector
Mate with SY1311, SY1312

SY1310 / P — N SY1310 / S — N
Male contact Female contact

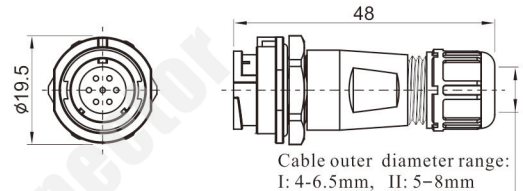
Cable outer diameter
I: 4-6.5mm, II: 5-8mm
Number of contact



In-line cable connector
Mate with SY1310

SY1311 / P — SY1311 / S
Number of contact

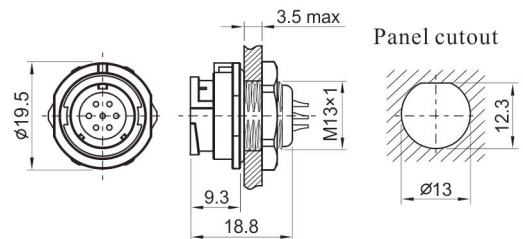
C: with cap
N: without cap
Cable outer diameter
I: 4-6.5mm, II: 5-8mm



Rear-nut mount
Mate with SY1310

SY1312 / P — SY1312 / S

C: with cap
N: without cap
Number of contact



Solder contact spec

Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13	13	5	5	5	5	3
Contact diameter(mm)	1.6	1.6	1	1	1	1	0.7
Rated voltage (AC.V)	250	250	200	180	125	125	125
Test voltage(AC.V) 1 min	1500	1500	1500	1000	1000	1000	1000
Contact resistance (mΩ)	2.5	2.5	5	5	5	5	10
Wire size (mm ² /AWG)	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.5/20

