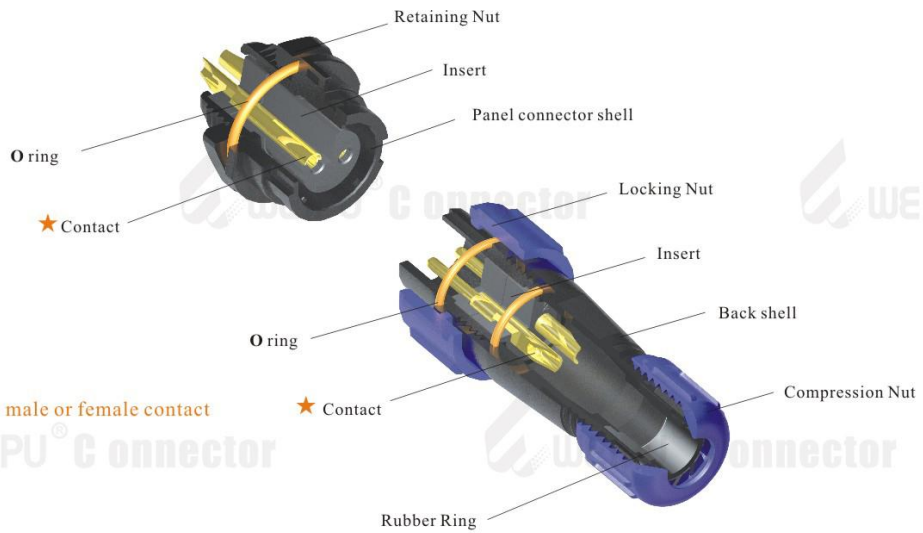




● SY13/SY17/SY21 IP67 Bayonet Coupling



**Material and spec**

Coupling	Bayonet
Shell material	Nylon66, fire resistance : V-0
Insert material	PPS max temperature 260 °C, fire resistance : V-0
Contact material	Brass with gold plating
Termination	SY13:solder, SY17:solder/ crimp, SY21:solder / screw / crimp
Cable outer diameter range	SY13 I: 4-6.5mm SY13 II: 5-8mm, SY17: 6-10mm, SY21 I: 4.5-7mm SY21 II: 7-12mm
IP rating	IP67
Mating cycle	>500
Temperature range	-25°C ~ +85°C
Insulation resistance MΩ	2000

## SY13 Series IP67 solder termination

**SY  
13**

**Cable connector**  
Mate with SY1311, SY1312

SY1310/P — — SY1310/S

C: with cap, N: without cap  
Cable outer diameter: I: 4-6.5mm, II: 5-8mm  
Number of contact: 2. 3. 4. 5. 6. 7. 9

**In-line cable connector**  
Mate with SY1310

SY1311/P — — SY1311/S

**Front mount**  
Mate with SY1310

SY1312/P — — SY1312/S

C: with cap, N: without cap  
Number of contact: 2. 3. 4. 5. 6. 7. 9

• Panel cutout

### Contact arrangement and spec for solder termination

Number of contact	2	3	4	5	6	7	9
Male contact face view							
Rated current (A)	13A	13A	5A	5A	5A	5A	3A
Contact diameter	∅ 1.6X2	∅1.6X3	∅ 1X4	∅1X5	∅ 1X6	∅ 1X7	∅ 0.7X9
Rated voltage (AC.V)	250V	250V	200V	180V	125V	125V	125V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1000V	1000V	1000V	1000V
Contact resistance mΩ	2	2	5	5	5	5	10
Wire size mm <sup>2</sup> /AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18